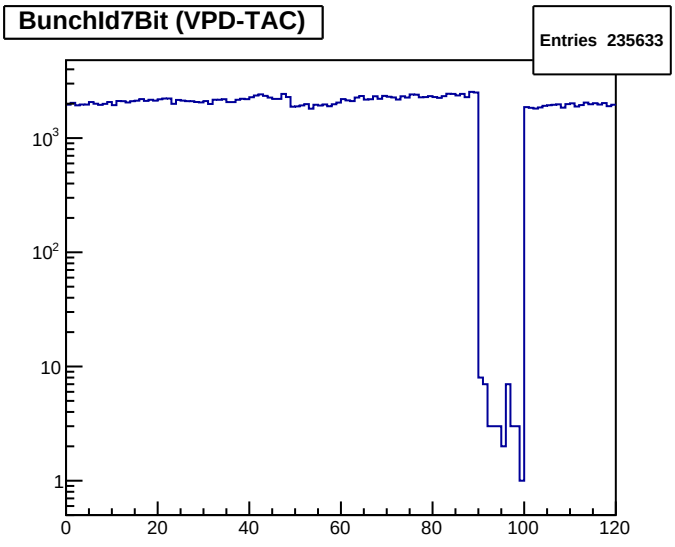
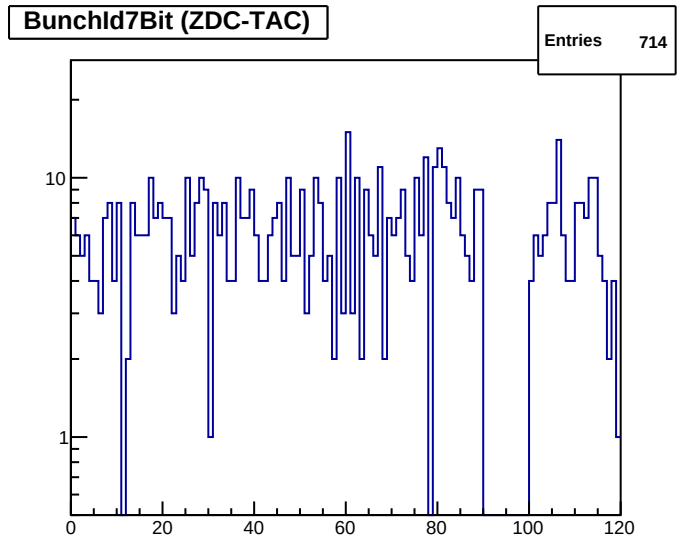
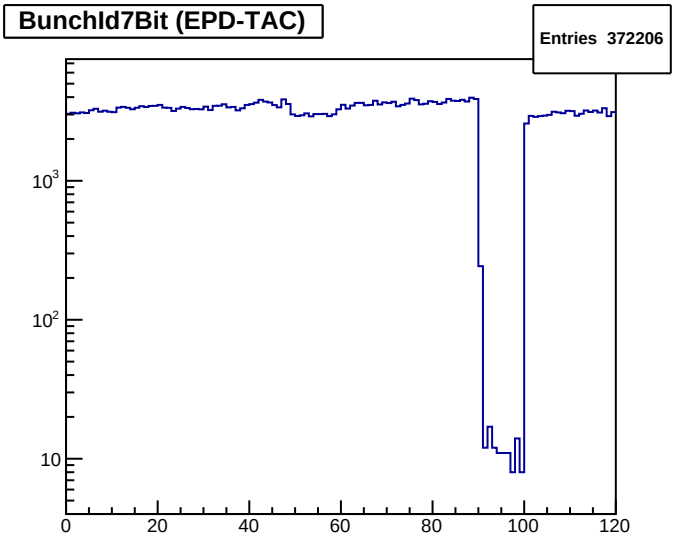
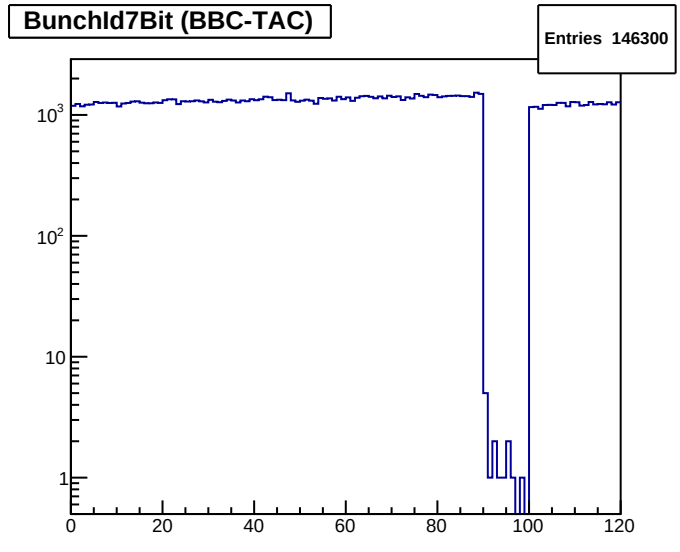
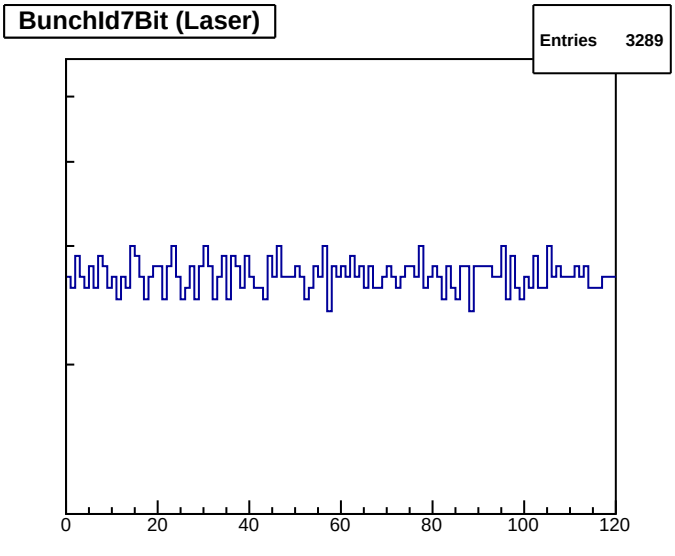
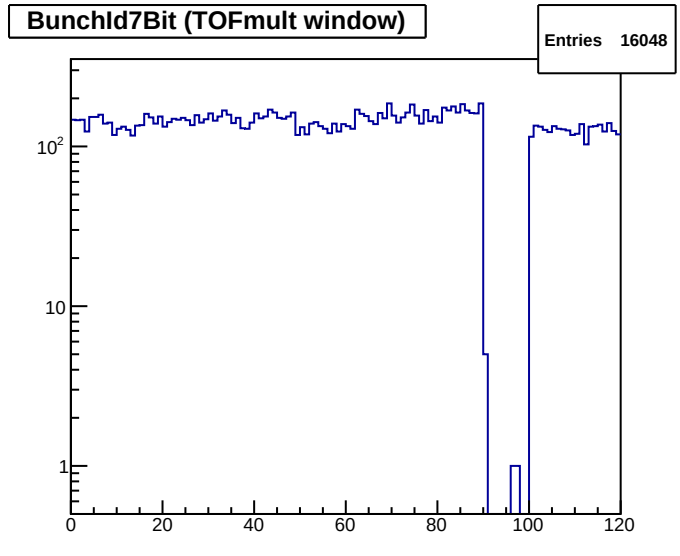

BunchId7Bit (VPD-TAC)
Entries 235633

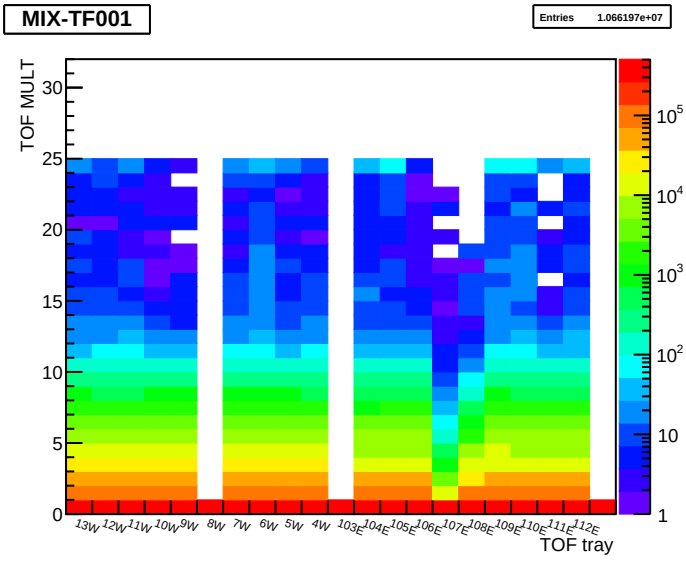

BunchId7Bit (ZDC-TAC)
Entries 714

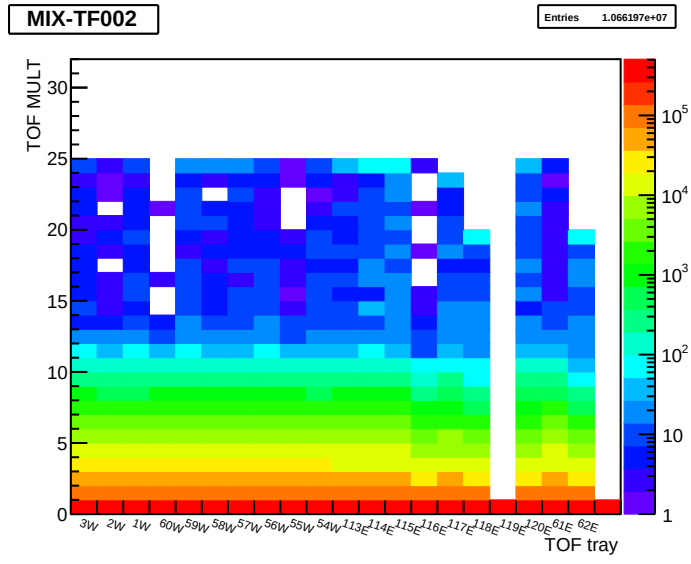

BunchId7Bit (EPD-TAC)
Entries 372206

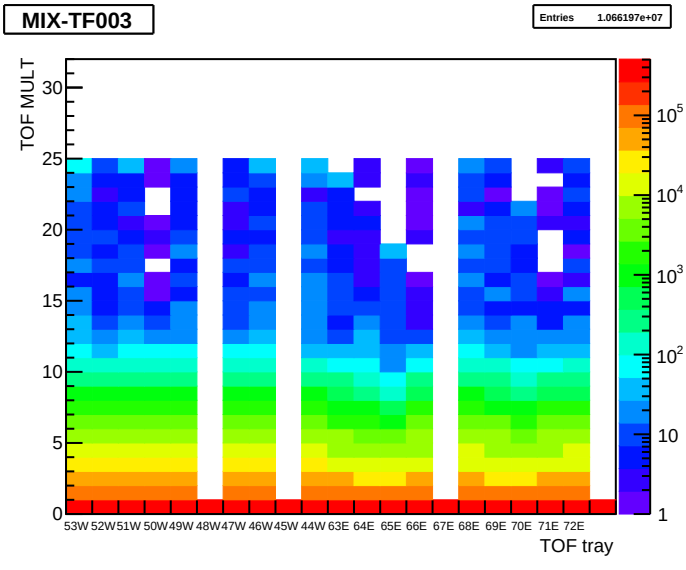

BunchId7Bit (BBC-TAC)
Entries 146300

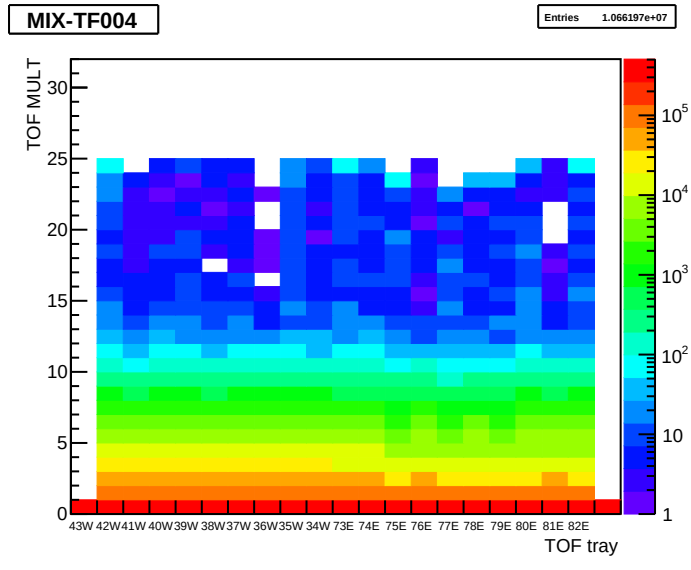

BunchId7Bit (Laser)
Entries 3289

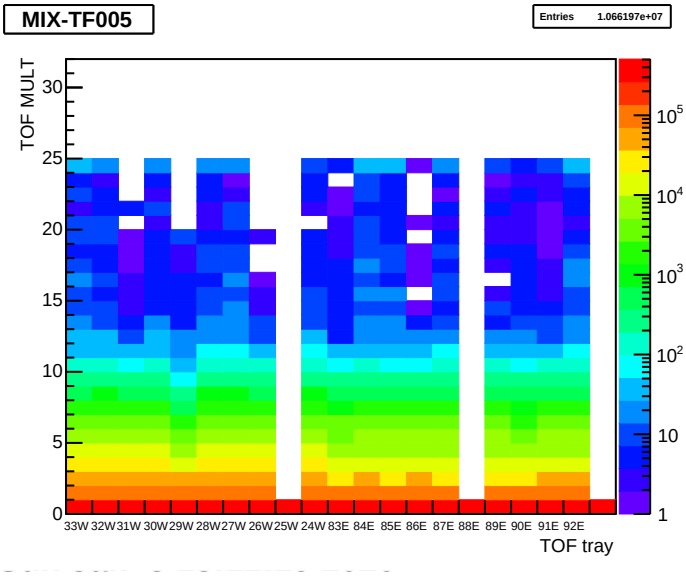

BunchId7Bit (TOFmult window)
Entries 16048

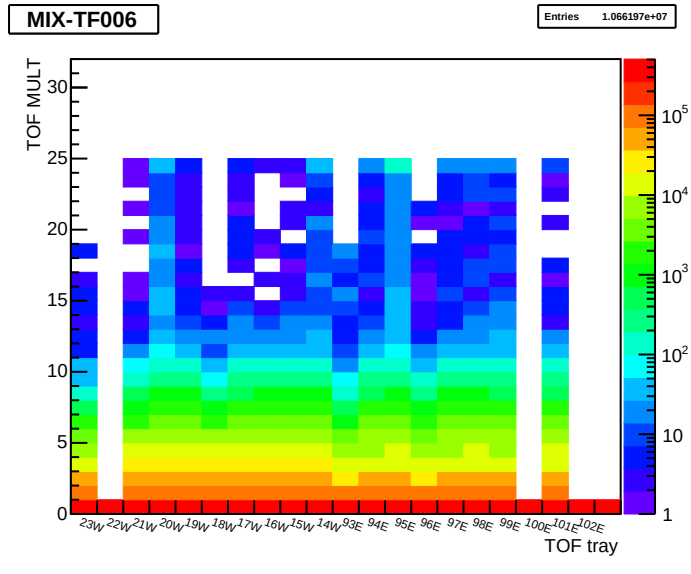

MIX-TF001
Entries 1.066197e+07
TOF MULT
TOF tray

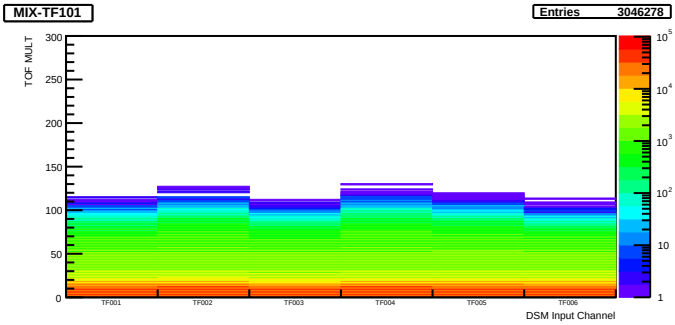

MIX-TF002
Entries 1.066197e+07
TOF MULT
TOF tray

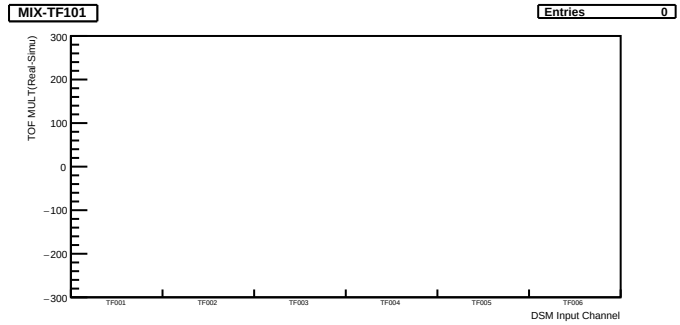

MIX-TF003
Entries 1.066197e+07
TOF MULT
TOF tray

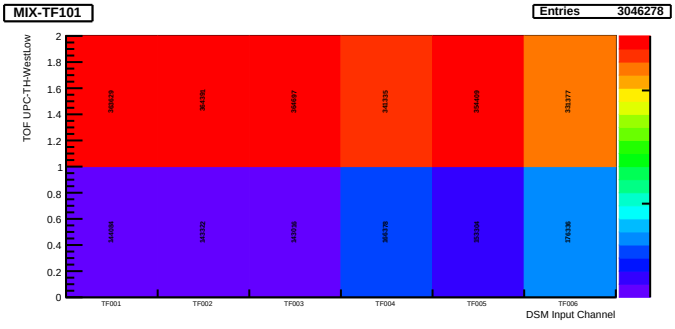

MIX-TF004
Entries 1.066197e+07
TOF MULT
TOF tray

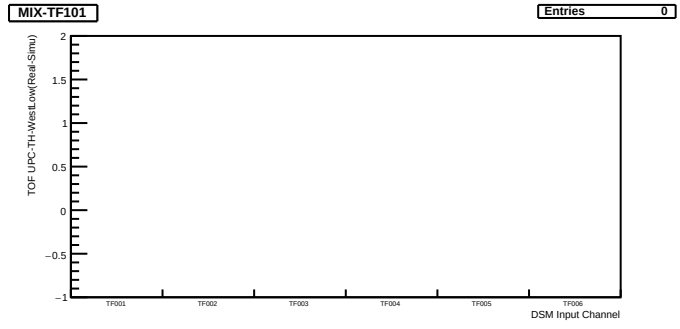

MIX-TF005
Entries 1.066197e+07
TOF MULT
TOF tray

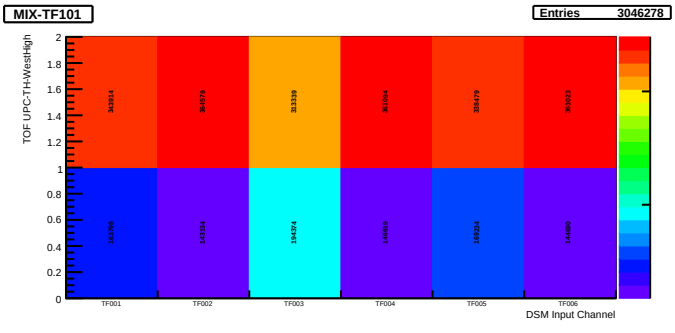

MIX-TF006
Entries 1.066197e+07
TOF MULT
TOF tray

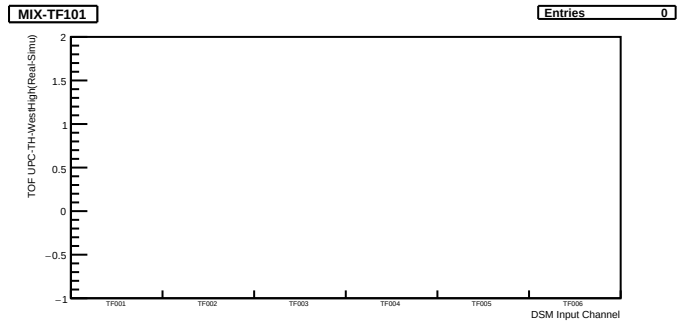

MIX-TF101
Entries 3046278
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

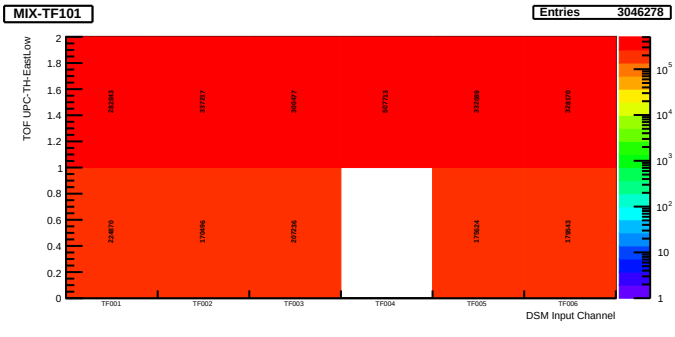

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

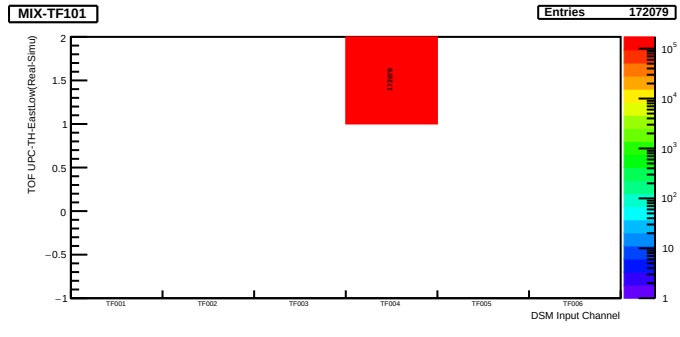

MIX-TF101
Entries 3046278
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

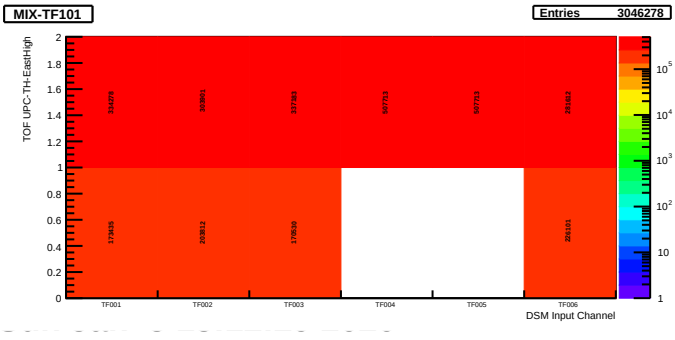

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

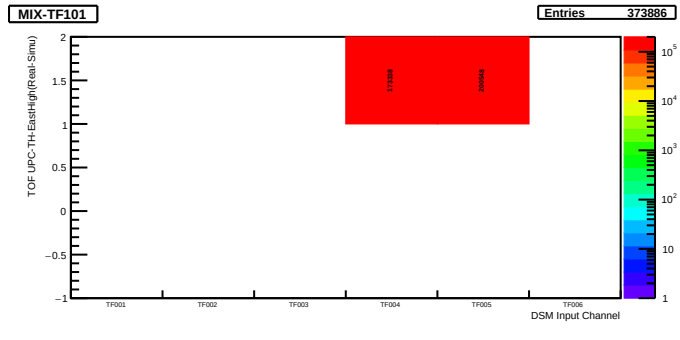

MIX-TF101
Entries 3046278
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

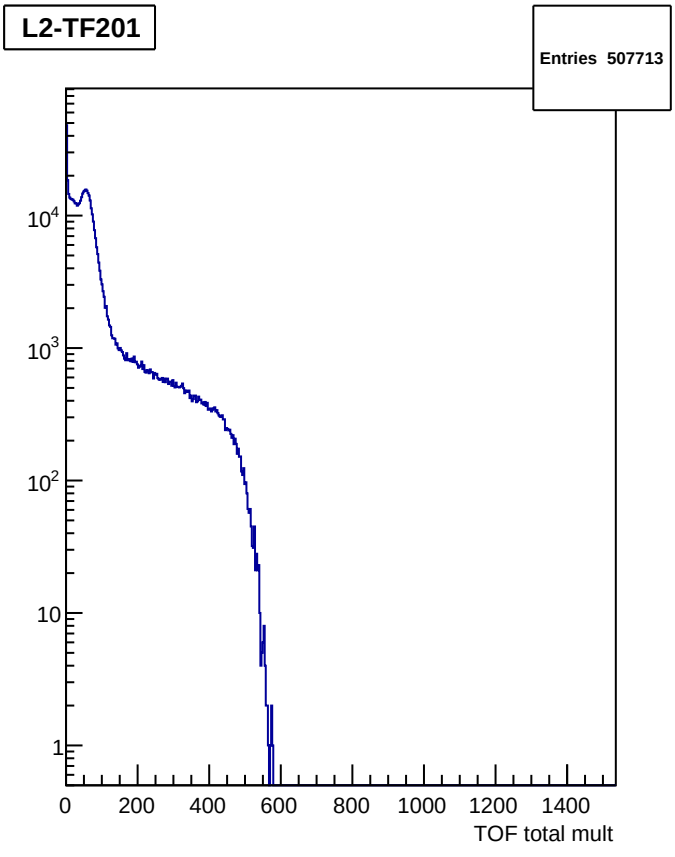

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

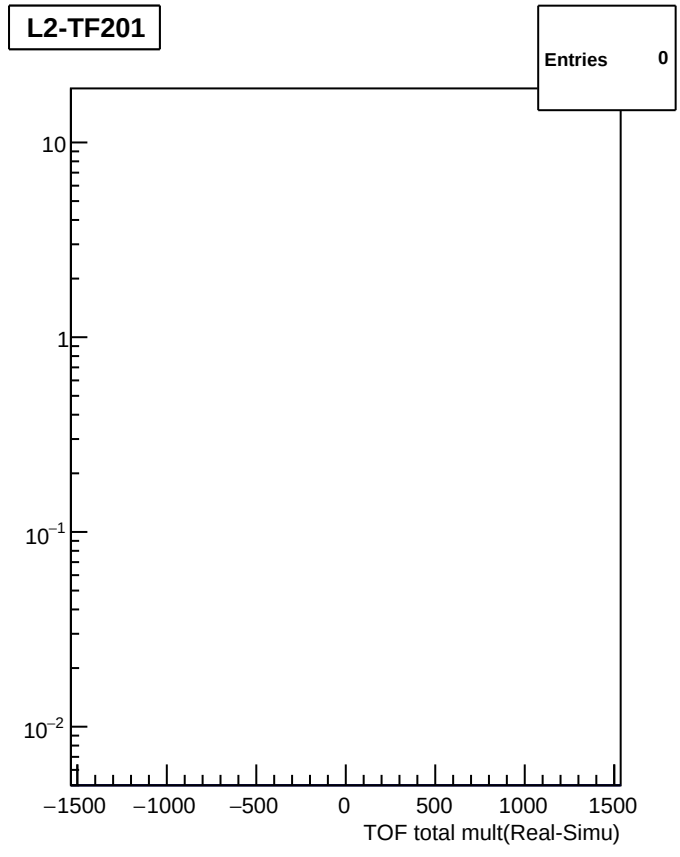

MIX-TF101
Entries 3046278
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

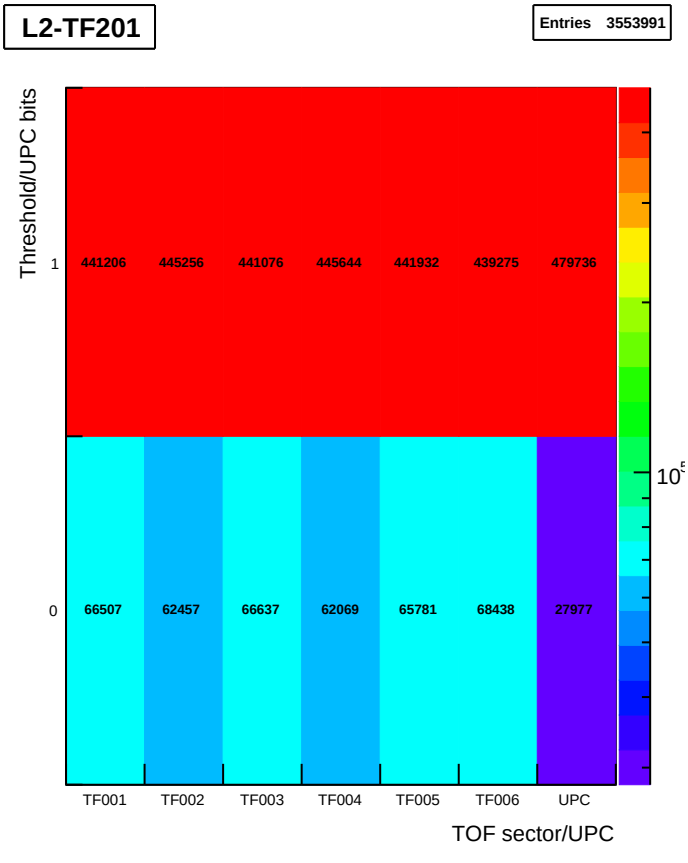

MIX-TF101
Entries 172079
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

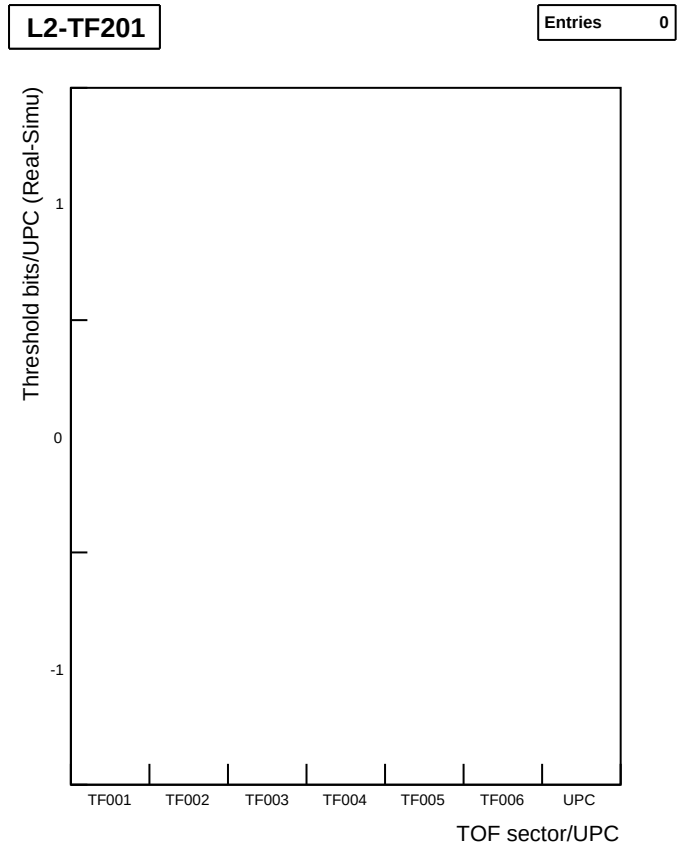

MIX-TF101
Entries 3046278
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

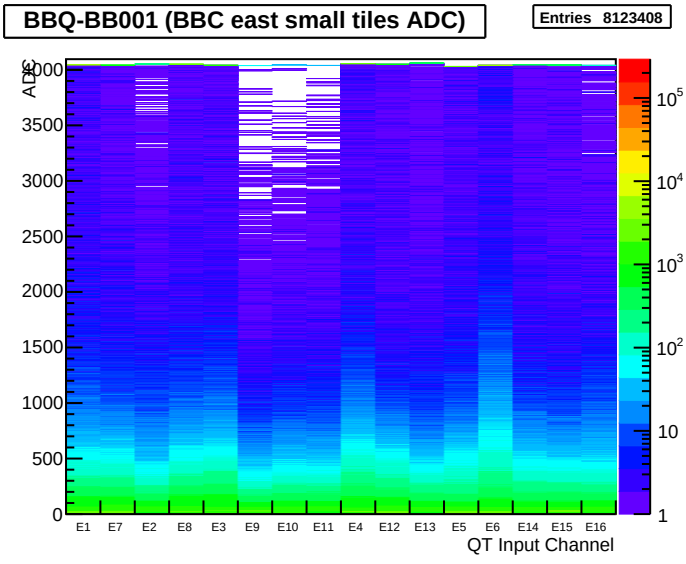

MIX-TF101
Entries 373886
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

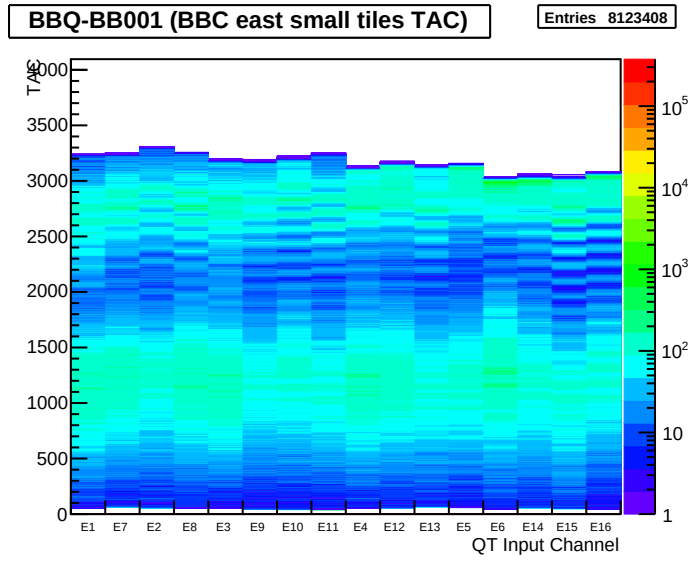

L2-TF201
Entries 507713
TOF total mult

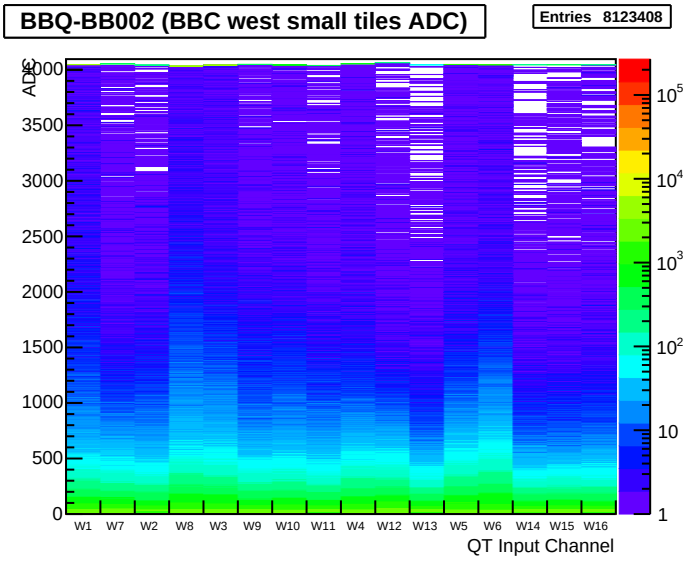

L2-TF201
Entries 0
TOF total mult(Real-Simu)

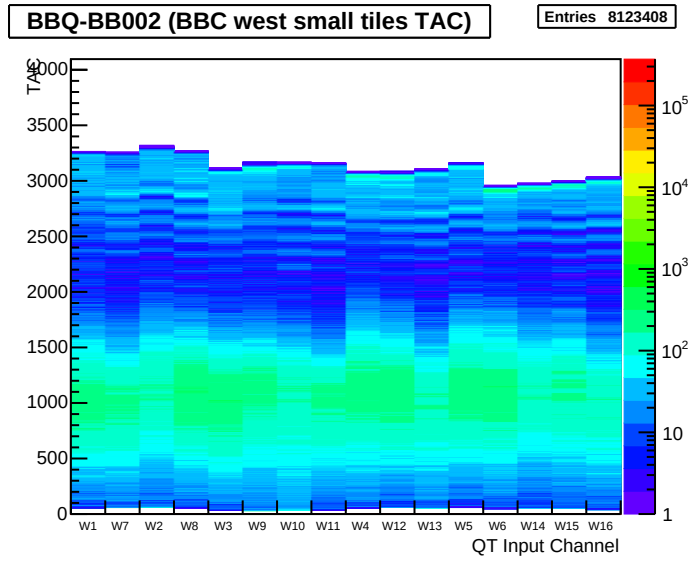

L2-TF201
Entries 3553991
Threshold/UPC bits
441206
445256
441076
445644
441932
439275
479736
66507
62457
66637
62069
65781
68438
27977
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

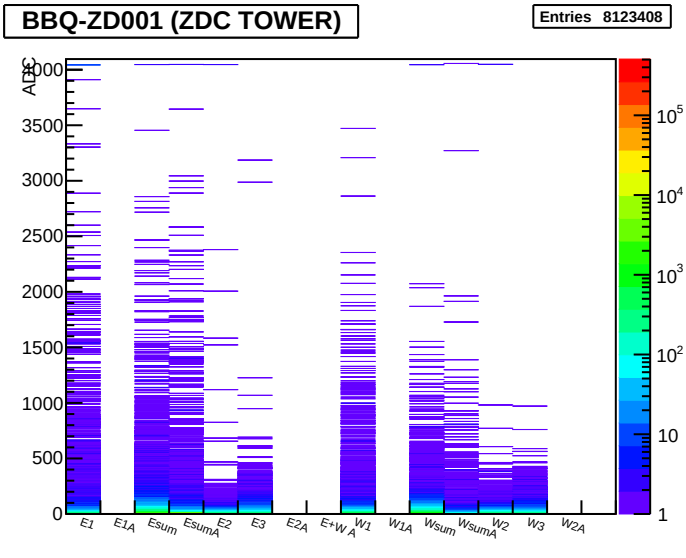

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

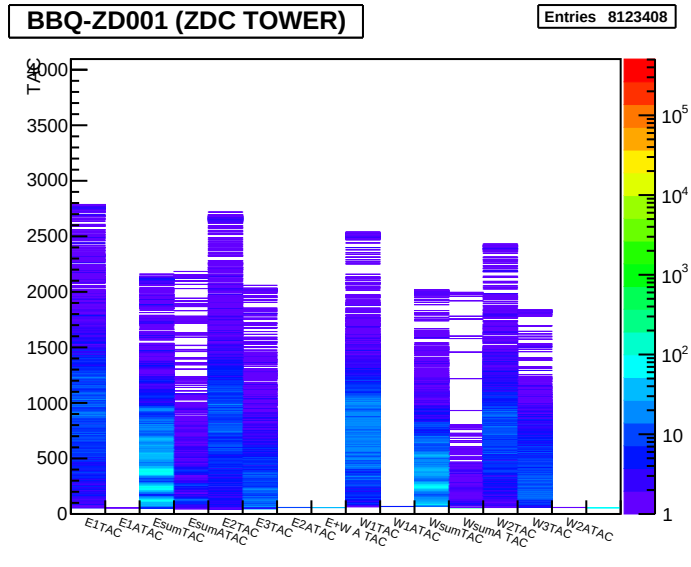

BBQ-BB001 (BBC east small tiles ADC)
Entries 8123408
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

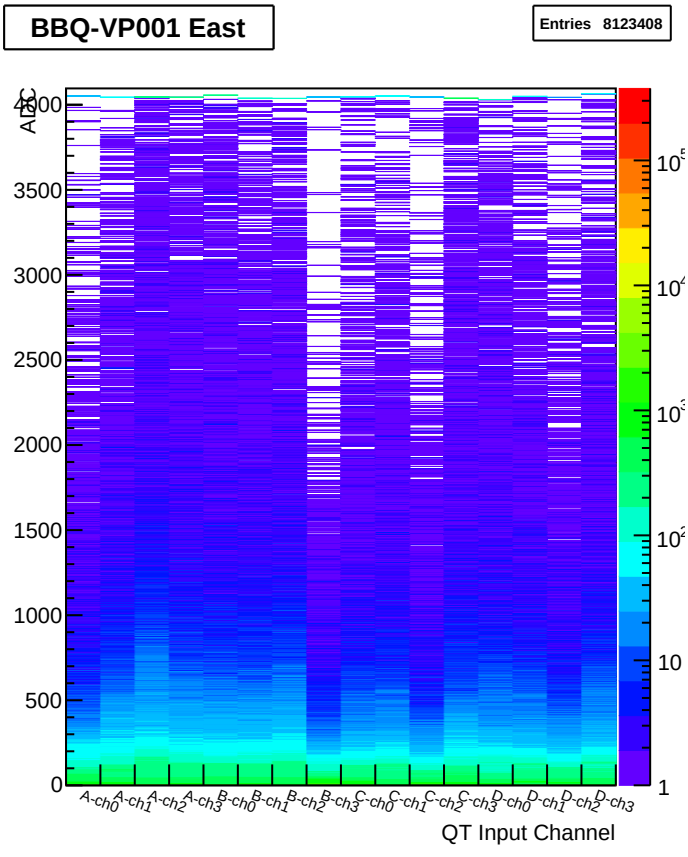

BBQ-BB001 (BBC east small tiles TAC)
Entries 8123408
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

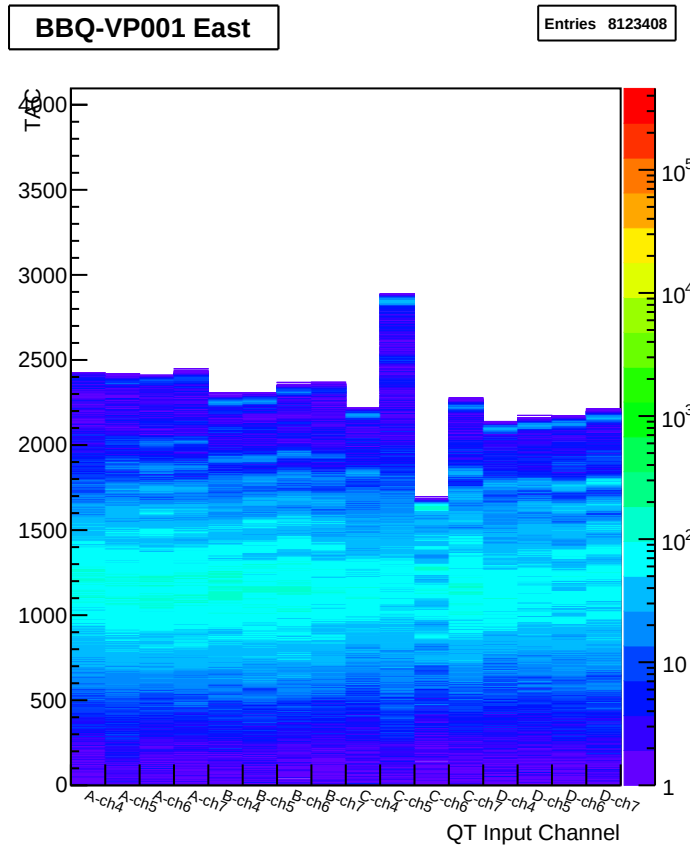

BBQ-BB002 (BBC west small tiles ADC)
Entries 8123408
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

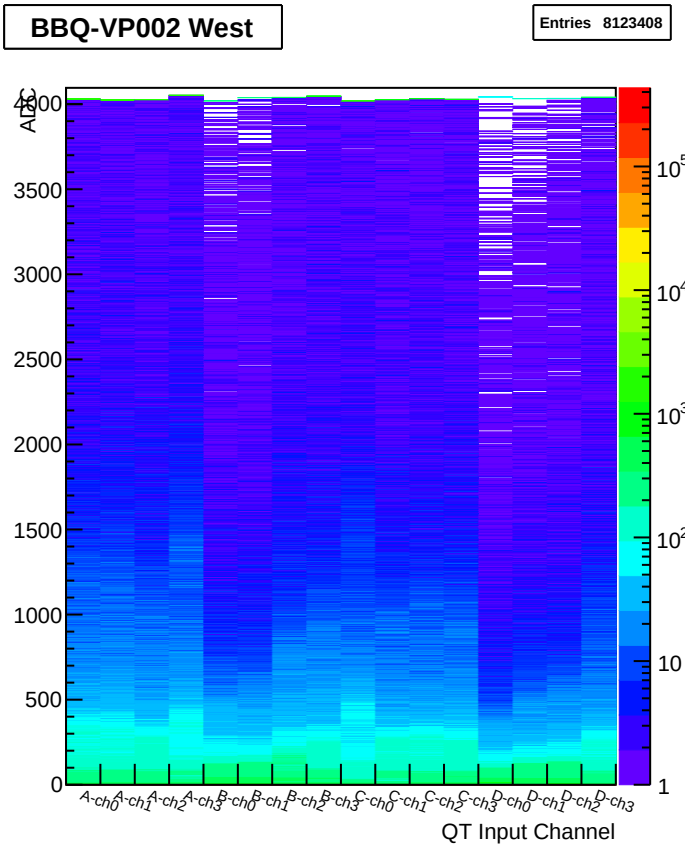

BBQ-BB002 (BBC west small tiles TAC)
Entries 8123408
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

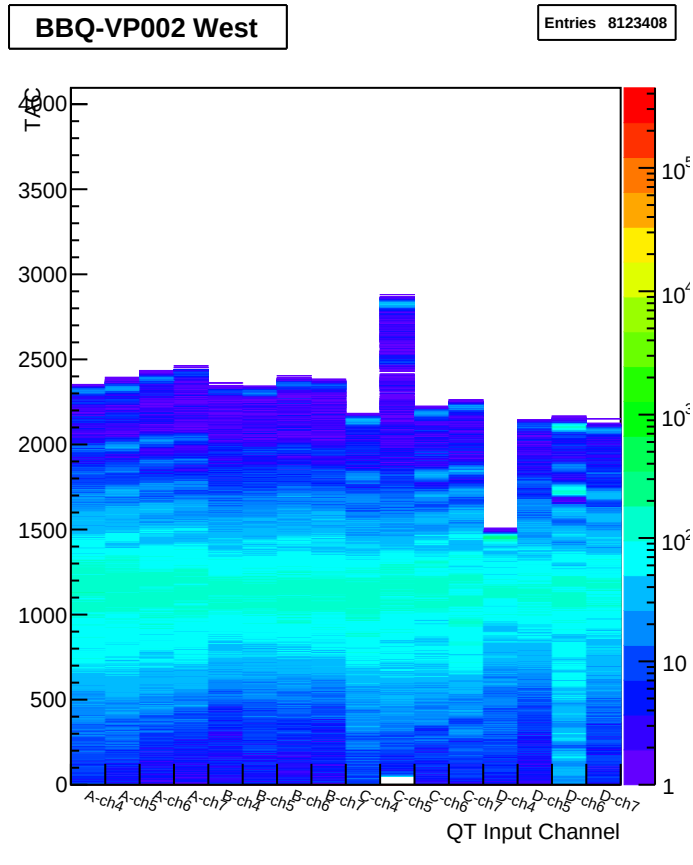

BBQ-ZD001 (ZDC TOWER)
Entries 8123408
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

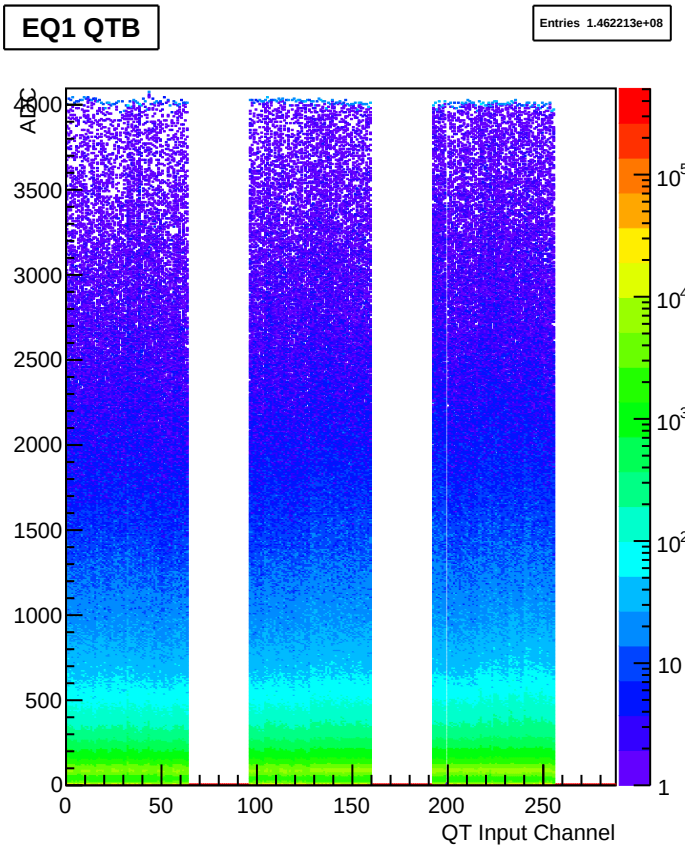

BBQ-ZD001 (ZDC TOWER)
Entries 8123408
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

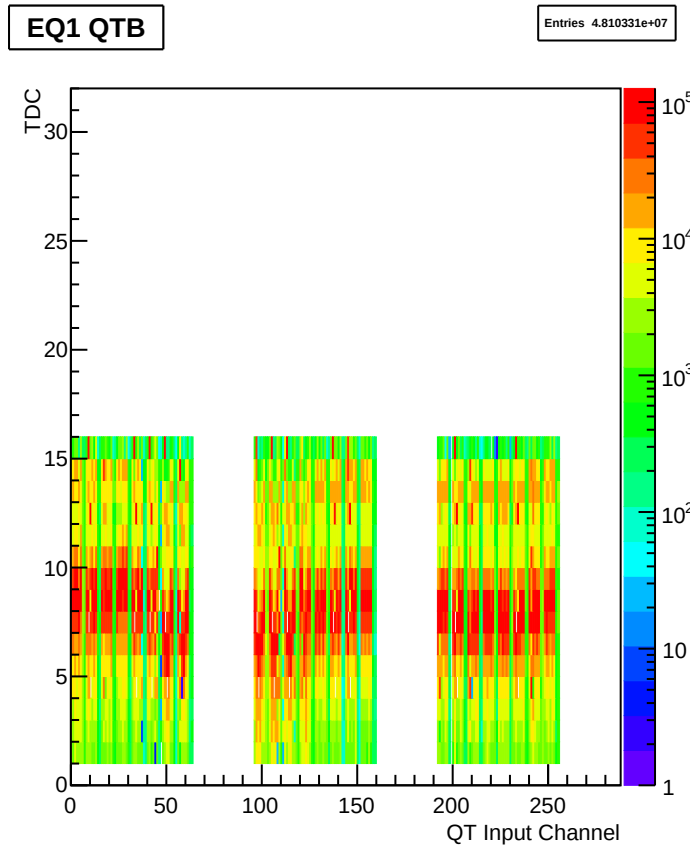

BBQ-VP001 East
Entries 8123408
ADC
QT Input Channel

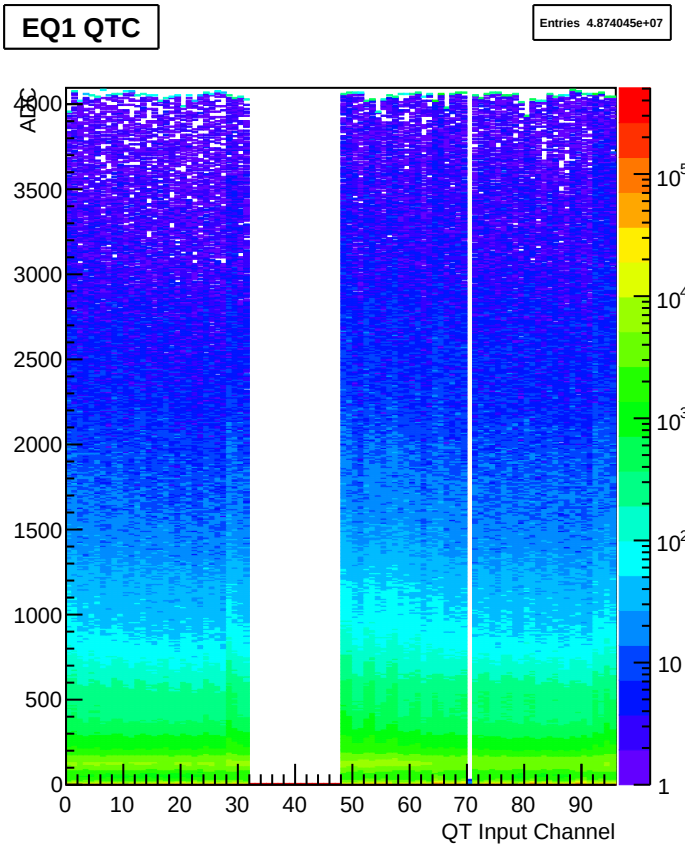

BBQ-VP001 East
Entries 8123408
ADC
QT Input Channel

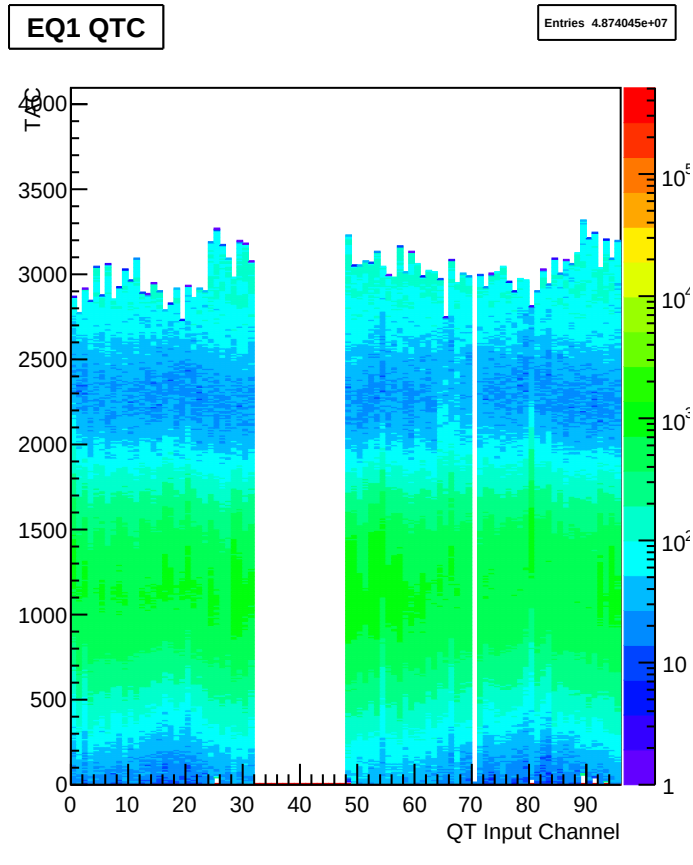

BBQ-VP002 West
Entries 8123408
ADC
QT Input Channel

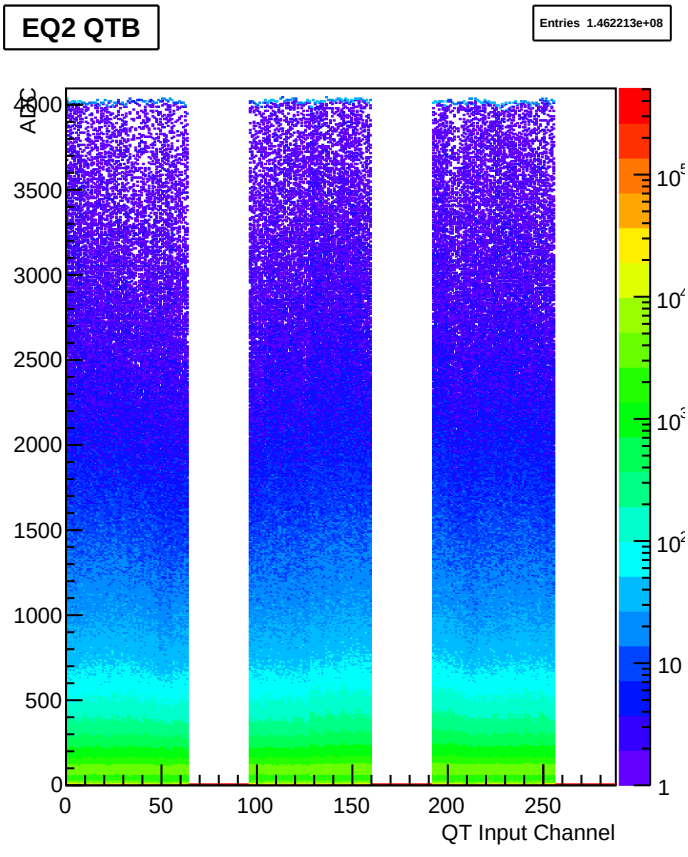

BBQ-VP002 West
Entries 8123408
ADC
QT Input Channel

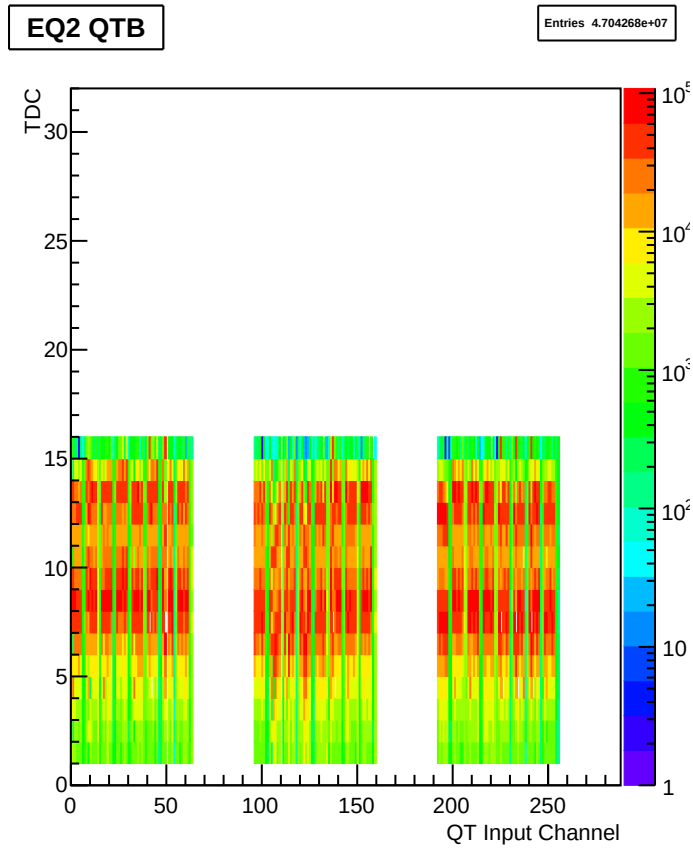

EQ1 QTB
Entries 1.462213e+08
ADC
QT Input Channel

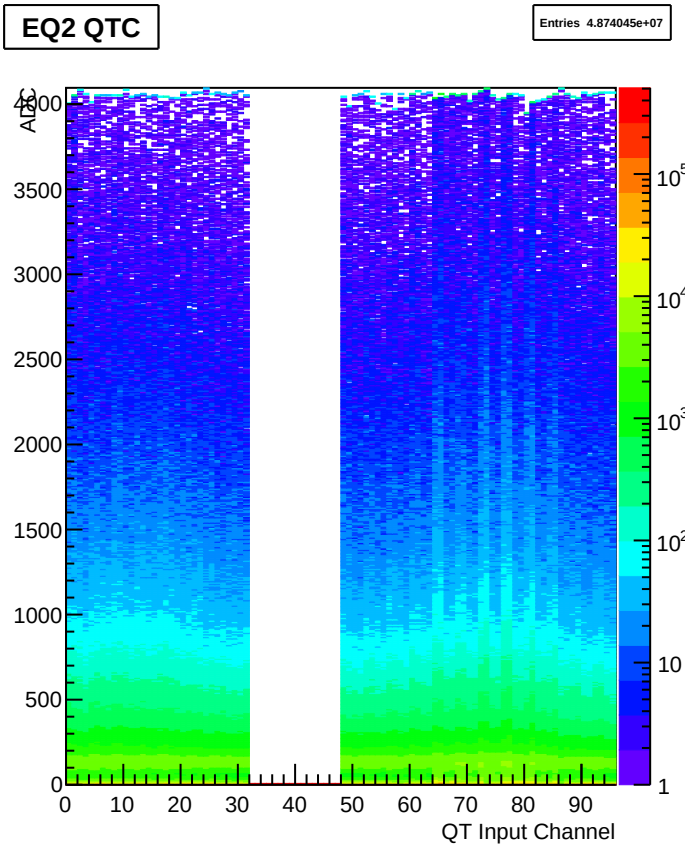

EQ1 QTB
Entries 4.810331e+07
TDC
QT Input Channel

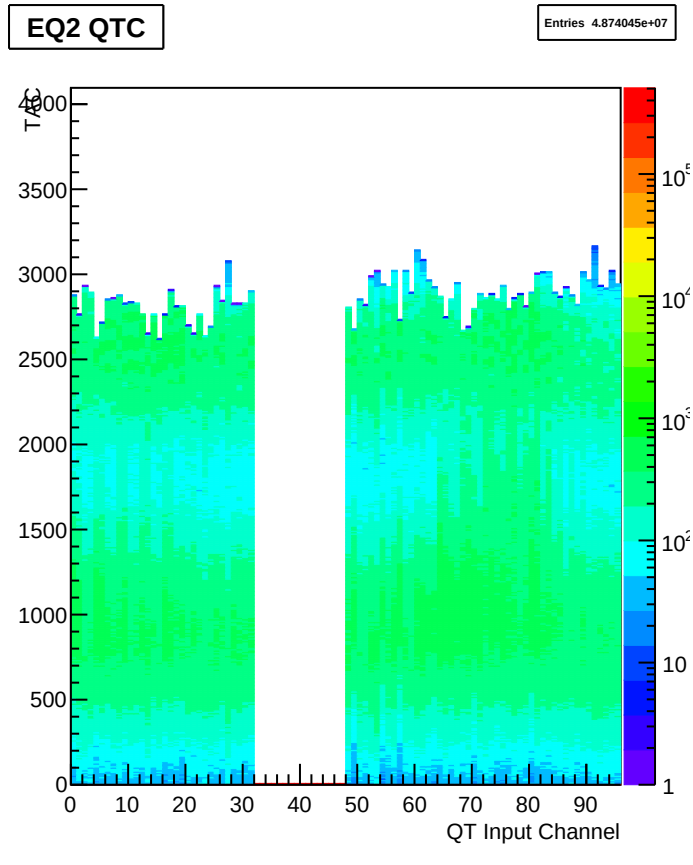

EQ1 QTC
Entries 4.874045e+07
ADC
QT Input Channel

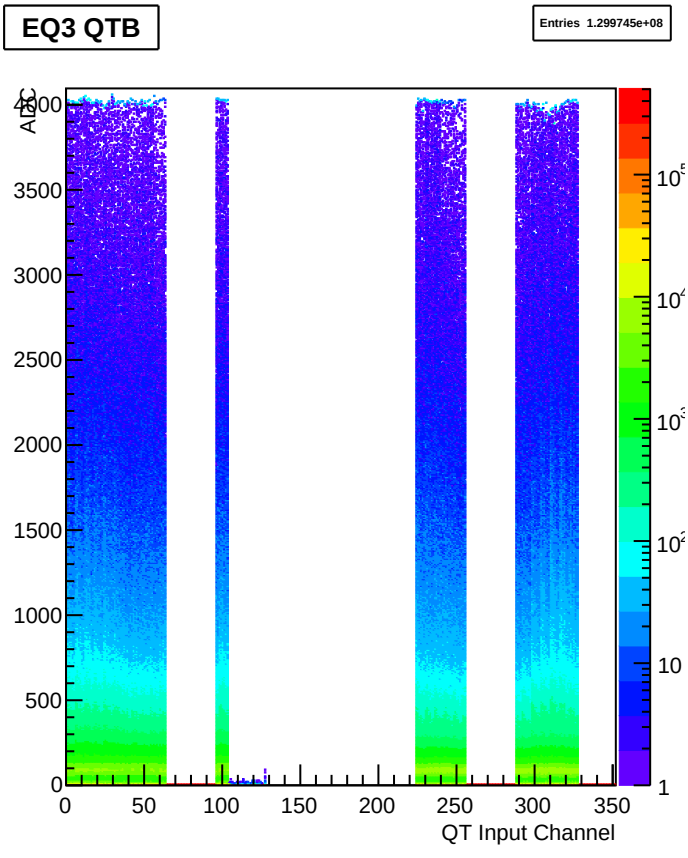

EQ1 QTC
Entries 4.874045e+07
TADC
QT Input Channel

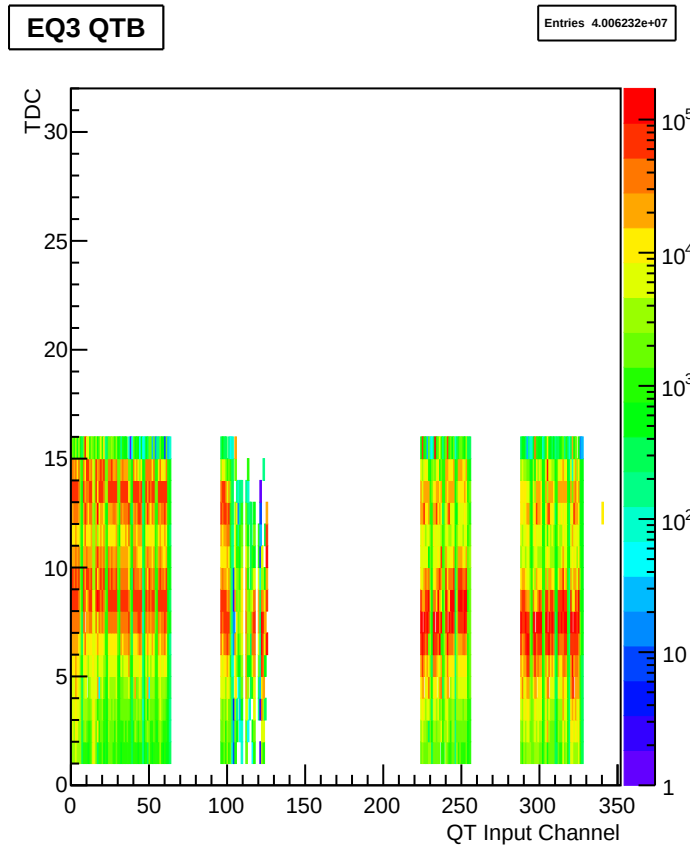

EQ2 QTB
Entries 1.462213e+08
ADC
QT Input Channel

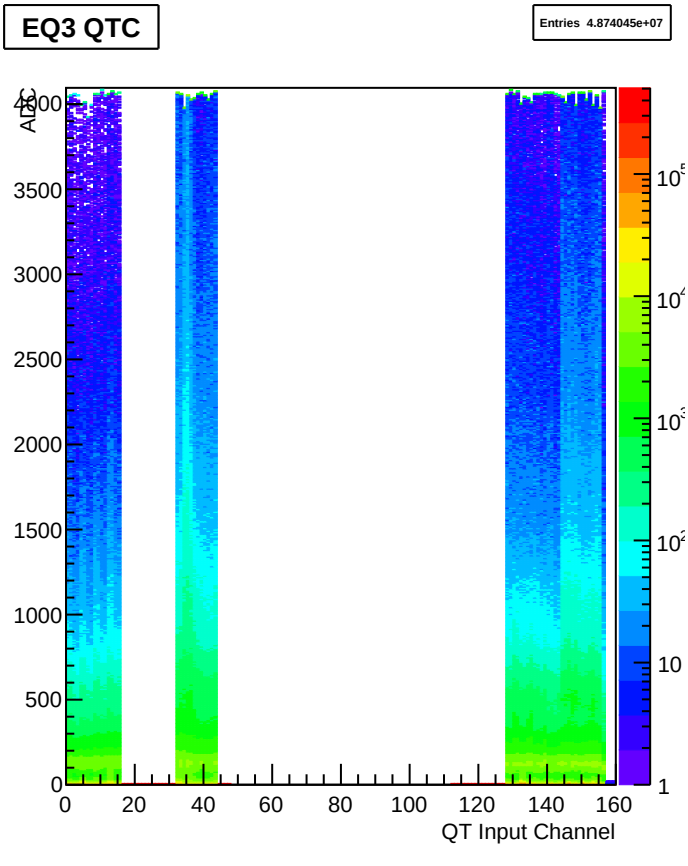

EQ2 QTB
Entries 4.704268e+07
TDC
QT Input Channel

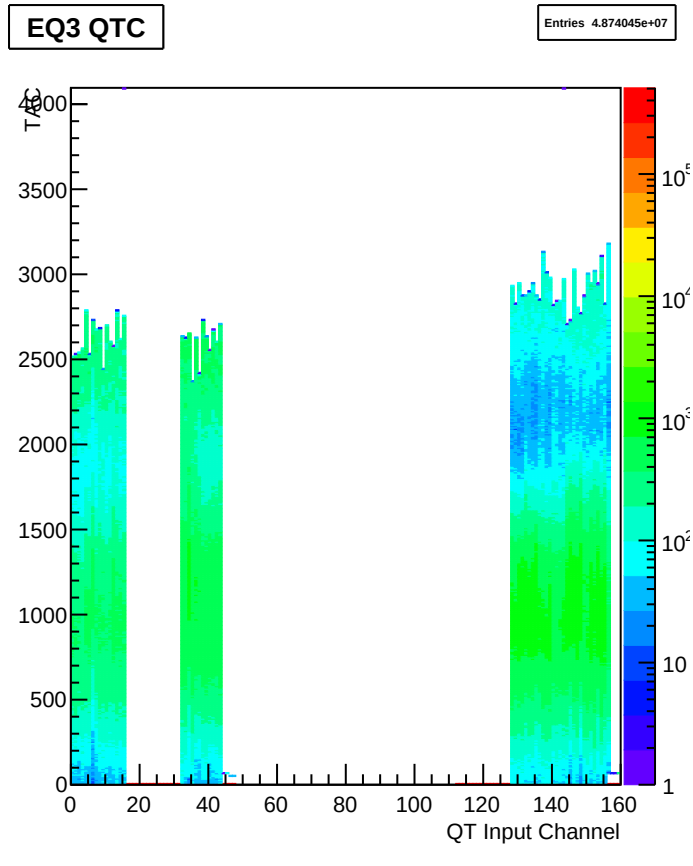

EQ2 QTC
Entries 4.874045e+07
ADC
QT Input Channel

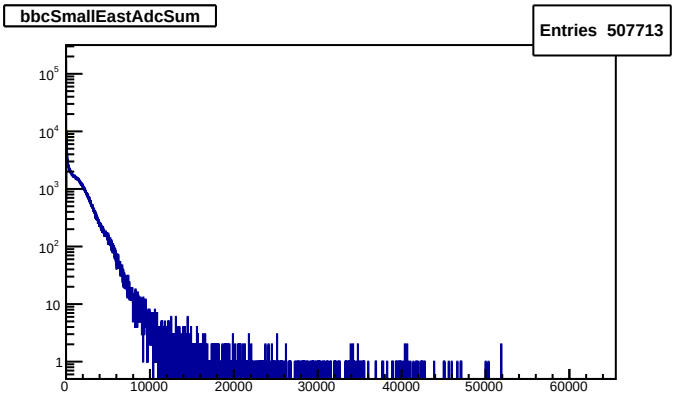

EQ2 QTC
Entries 4.874045e+07
TADC
QT Input Channel

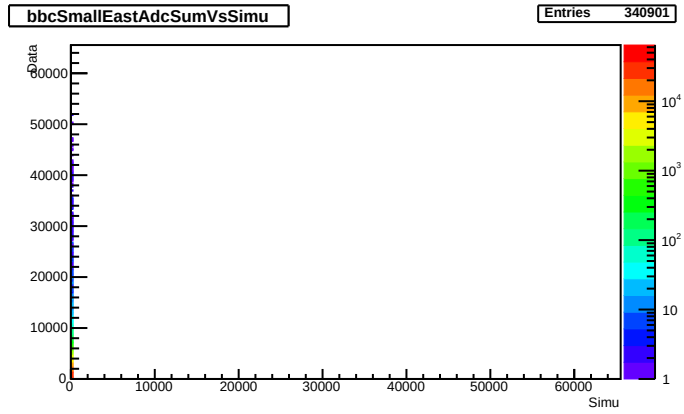

EQ3 QTB
Entries 1.299745e+08
ADC
QT Input Channel

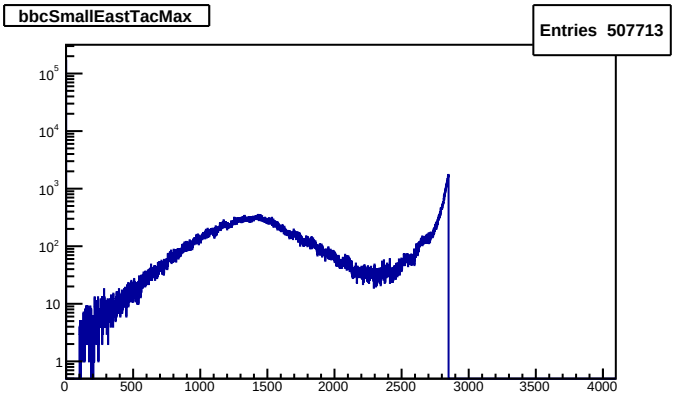

EQ3 QTB
Entries 4.006232e+07
TDC
QT Input Channel

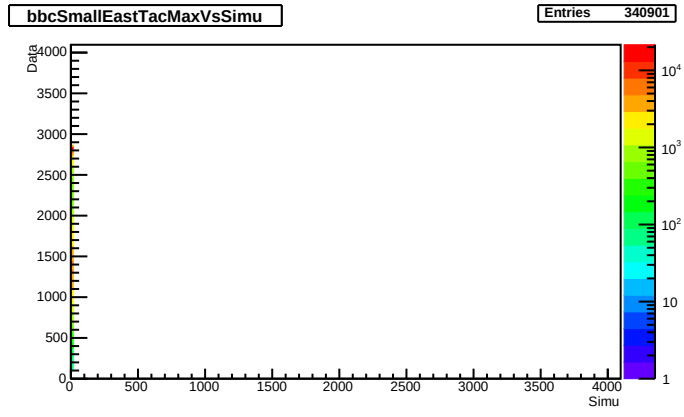

EQ3 QTC
Entries 4.874045e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.874045e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 507713


bbcSmallEastAdcSumVsSimu
Entries 340901
Data
Simu


bbcSmallEastTacMax
Entries 507713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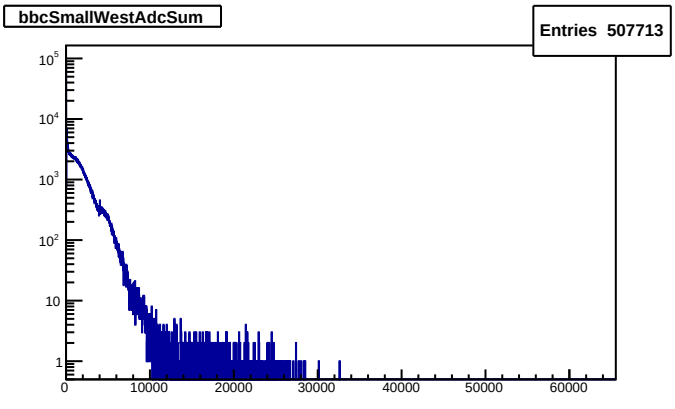
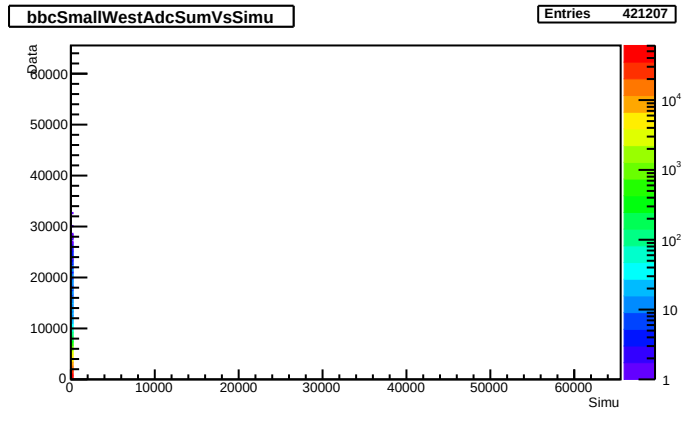
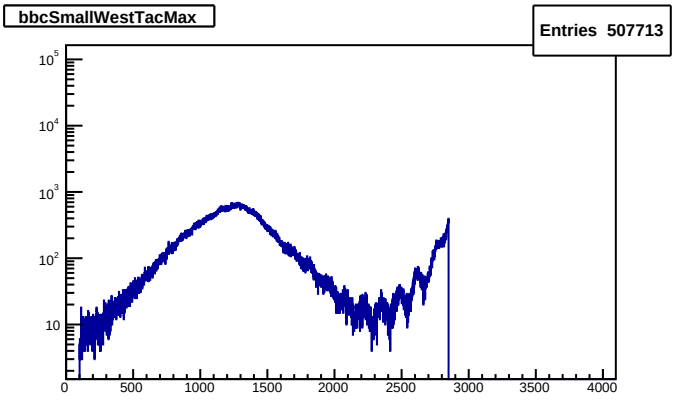
Entries 340901
Data
Simu


bbcSmallWestAdcSum
Entries 507713


bbcSmallWestAdcSumVsSimu
Entries 421207
Data
Simu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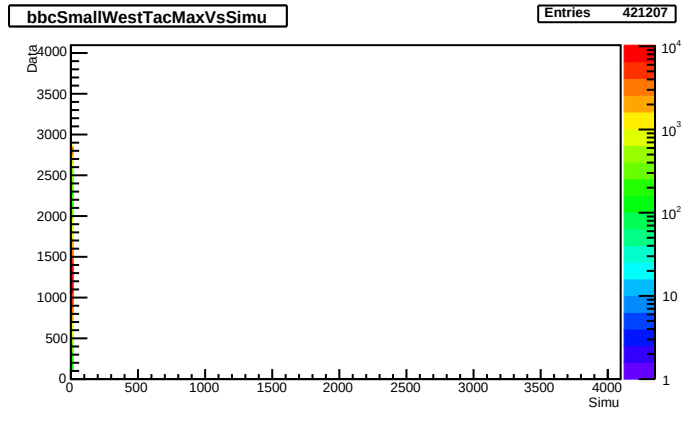
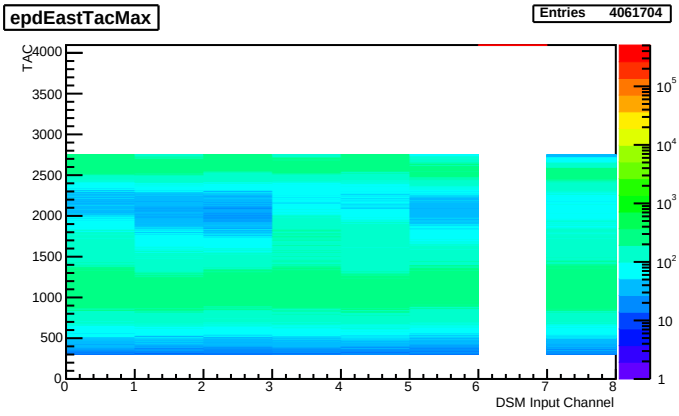
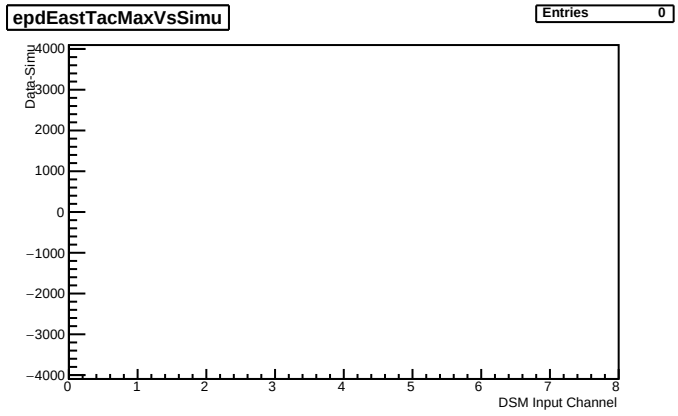
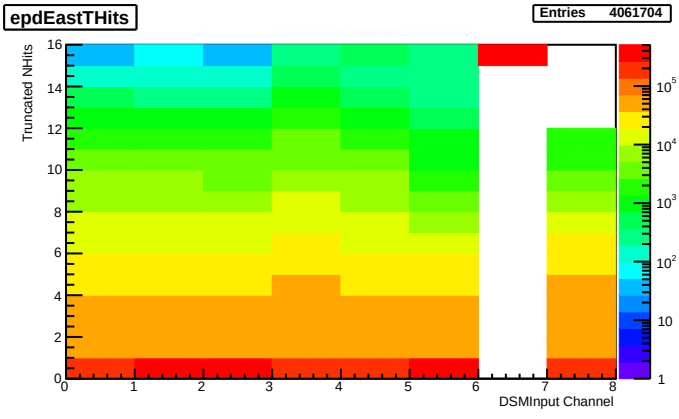
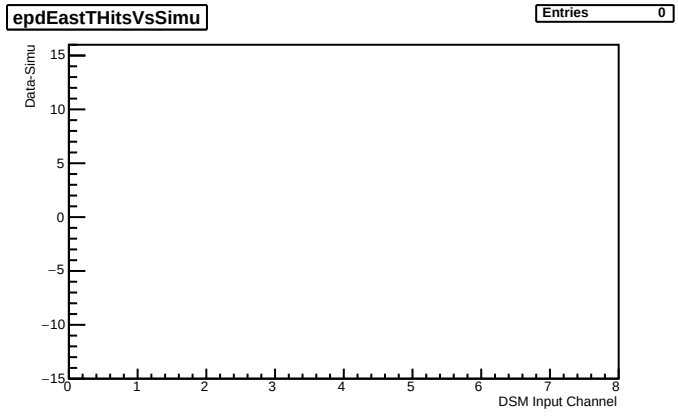
Entries 507713


bbcSmallWestTacMaxVsSimu
Entries 421207
Data
Simu


epdEastTacMax
Entries 4061704
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4061704
Truncated NHits
DSMInput Channel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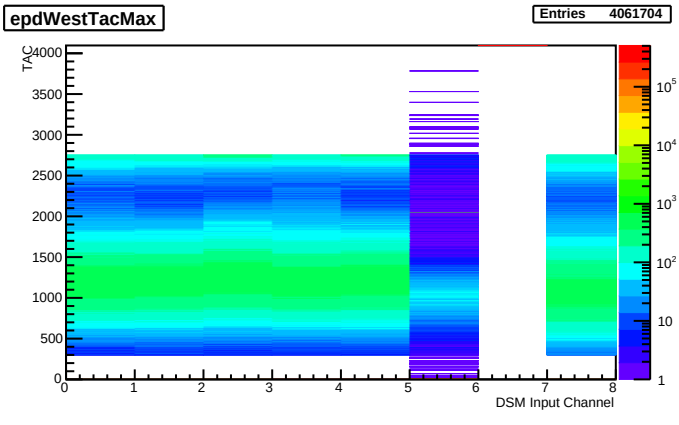
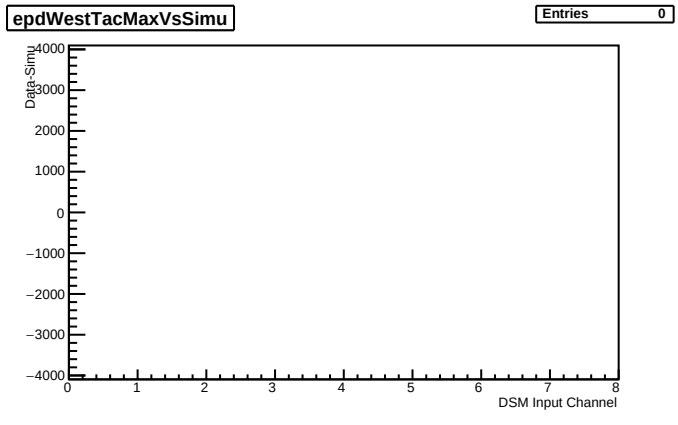
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4061704
TAC
DSM Input Channel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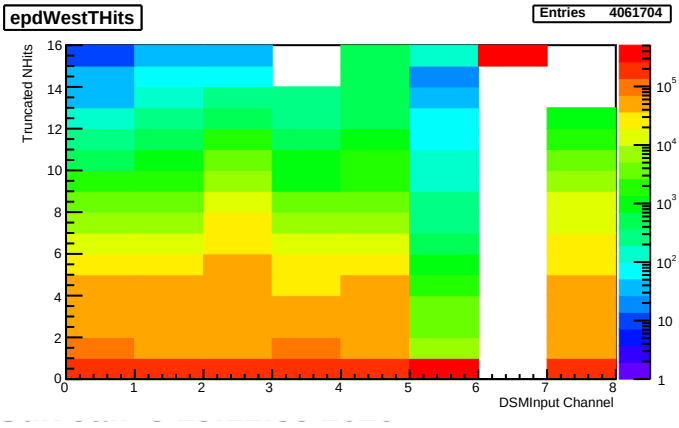
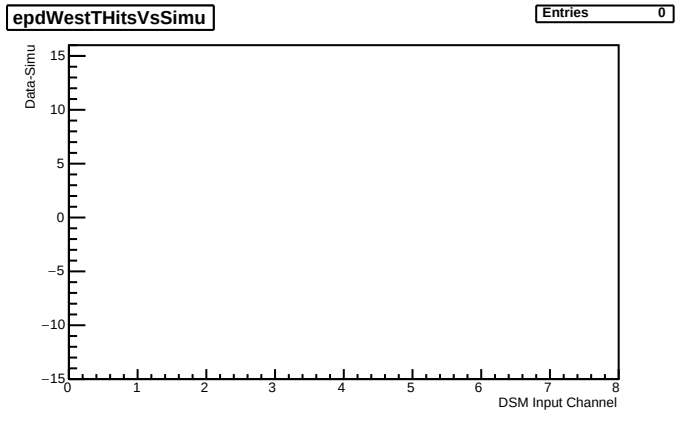
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4061704
Truncated NHits
DSMInput Channel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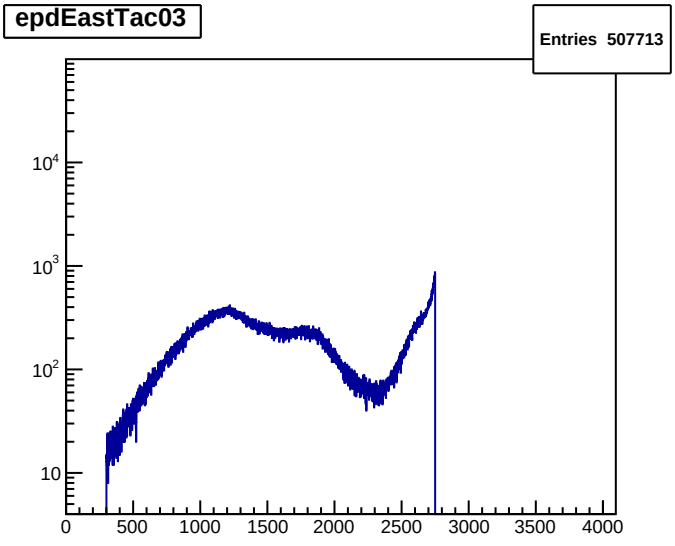
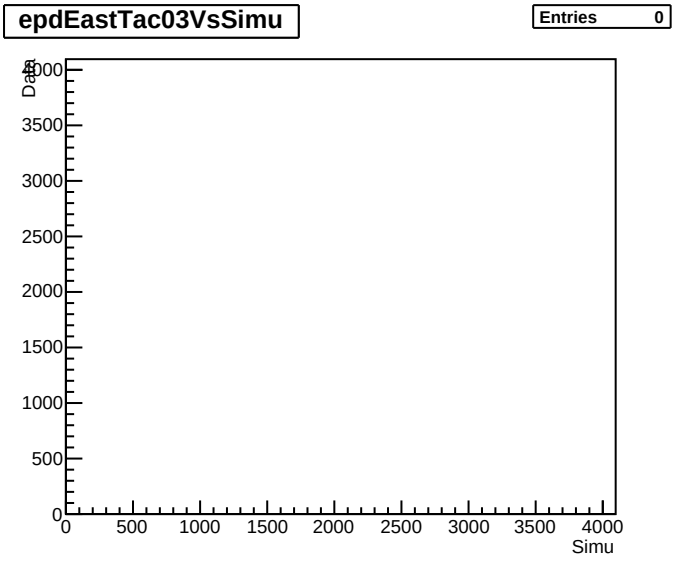
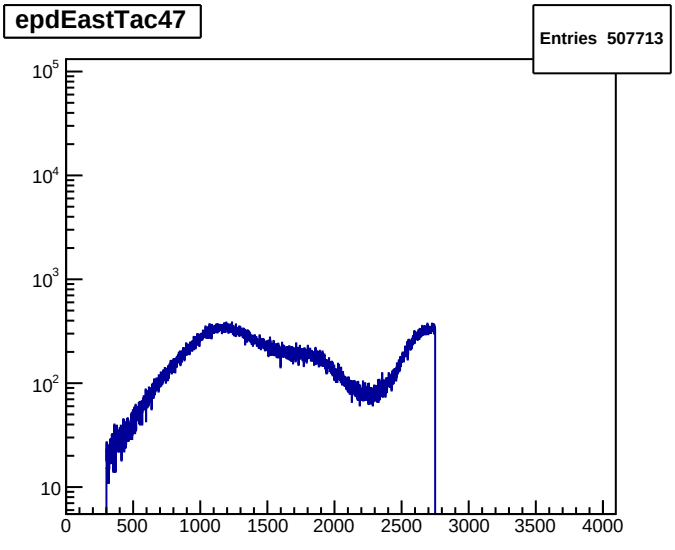
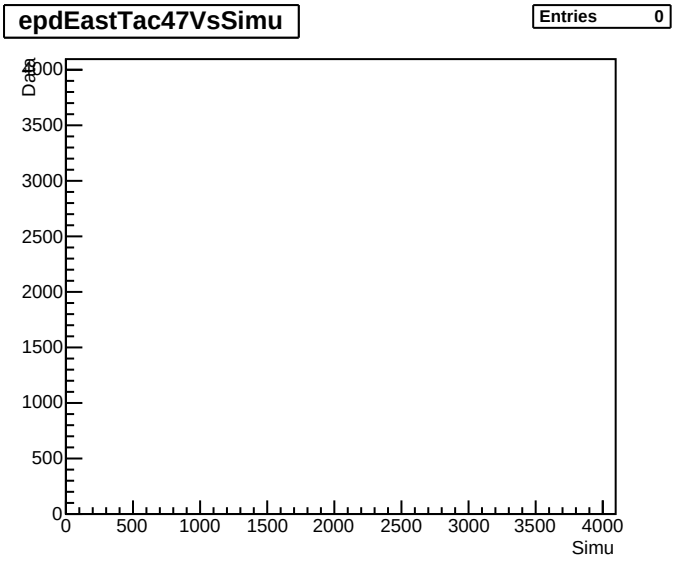
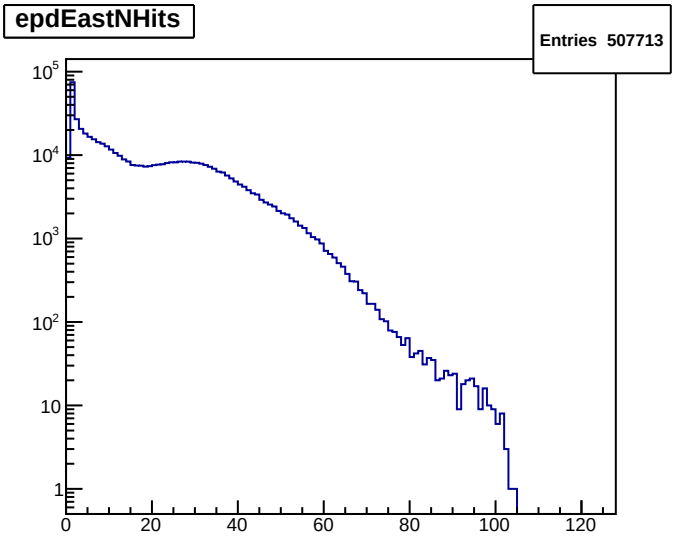
Entries 0
Data-Simu
DSM Input Channel

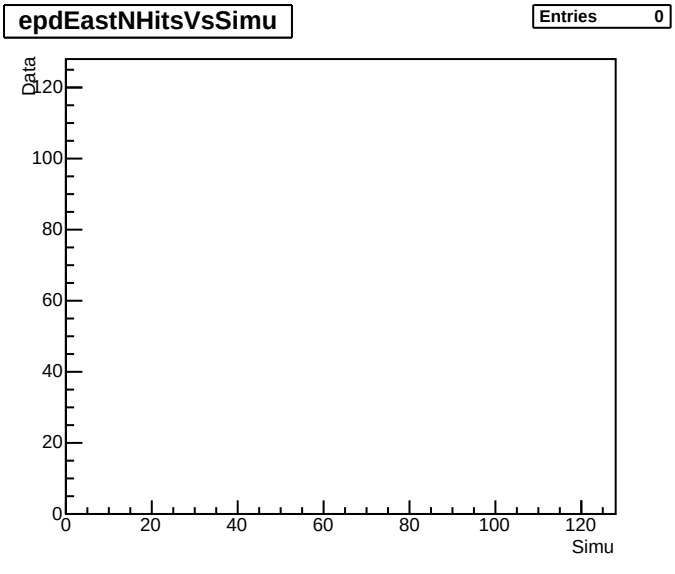

epdEastTac03
Entries 507713


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 507713


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 507713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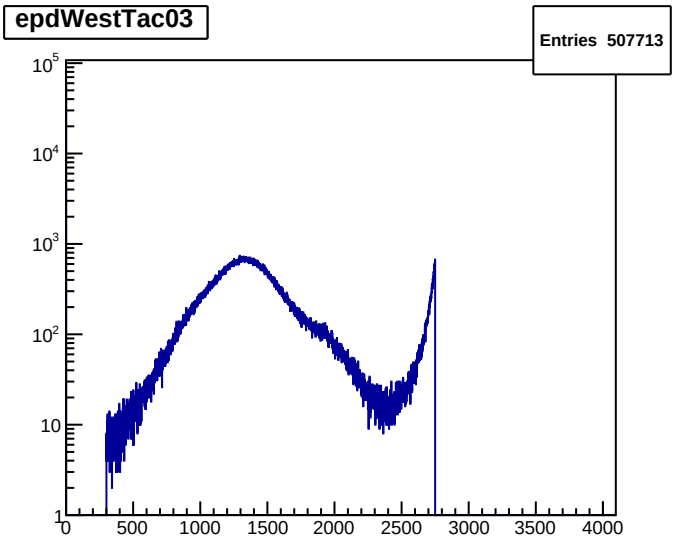
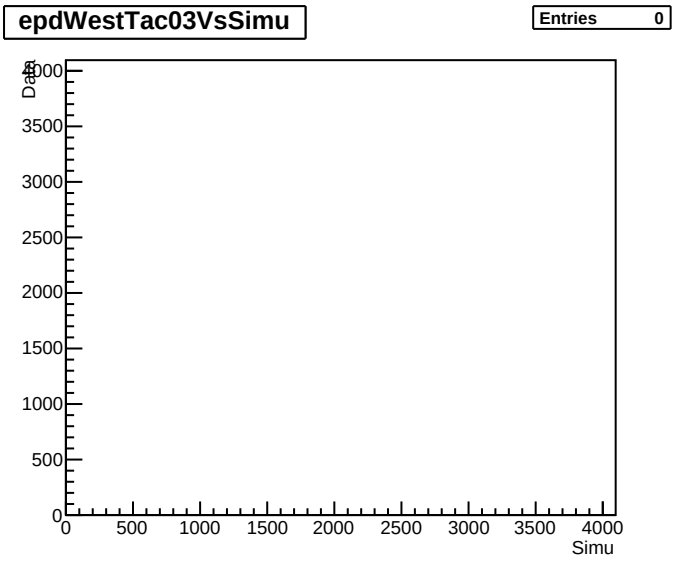
Entries 0
Data
Simu


epdWestTac03
Entries 507713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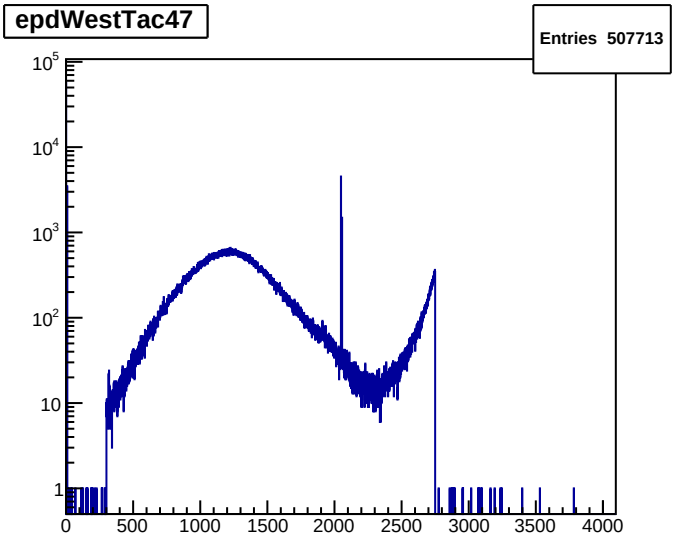
Entries 0
Data
Simu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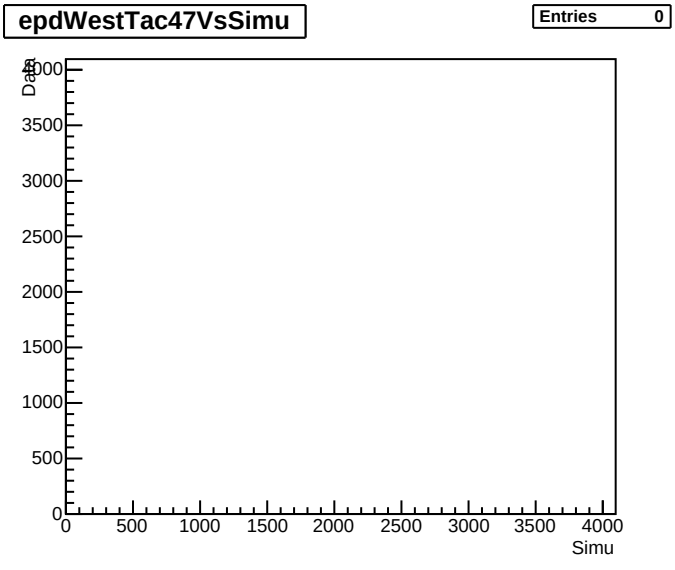
Entries 507713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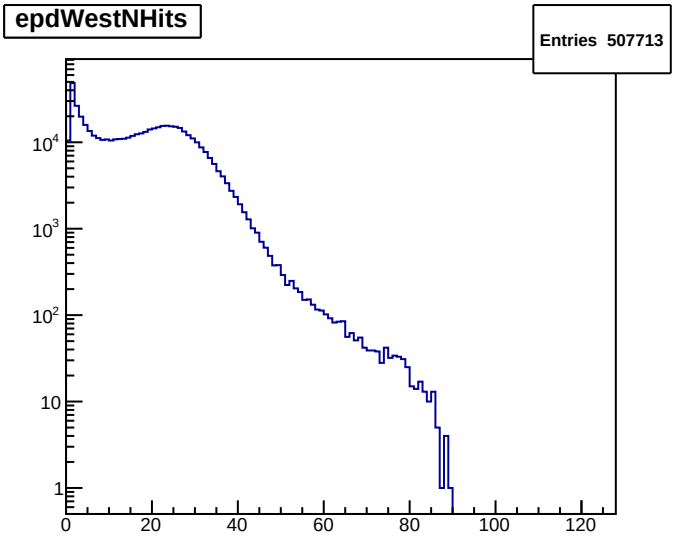
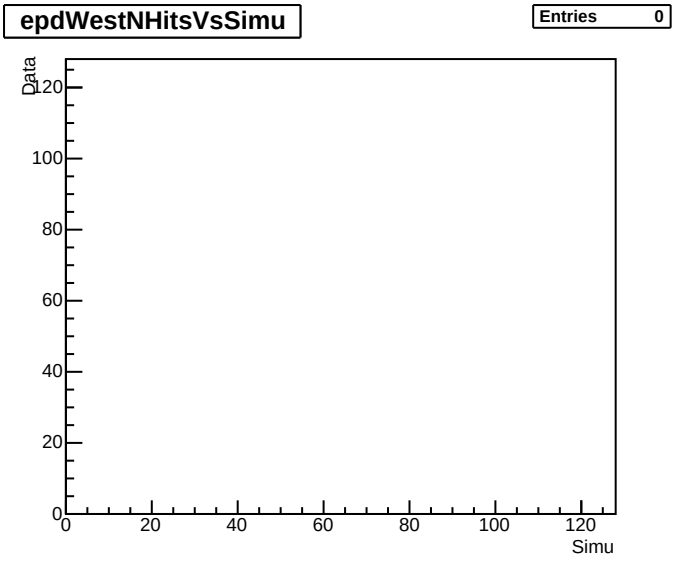
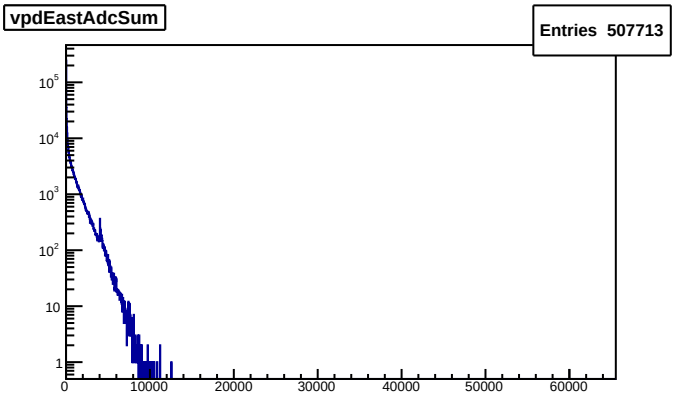
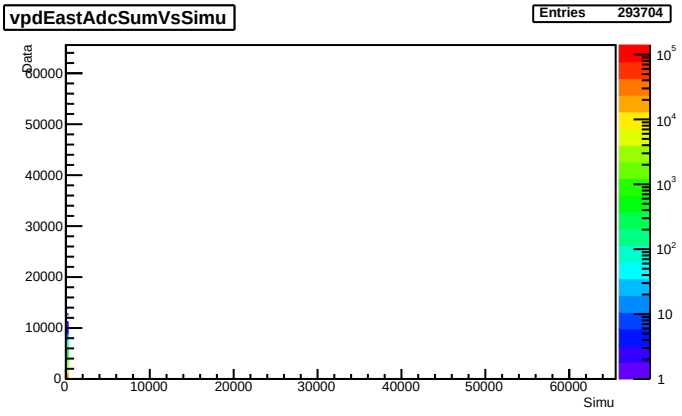
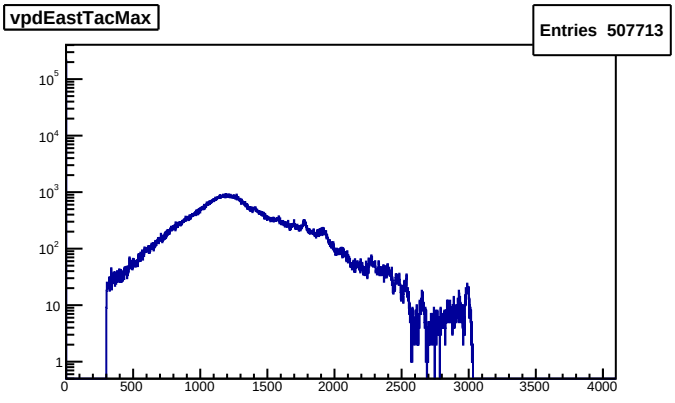
Entries 0
Data
Simu

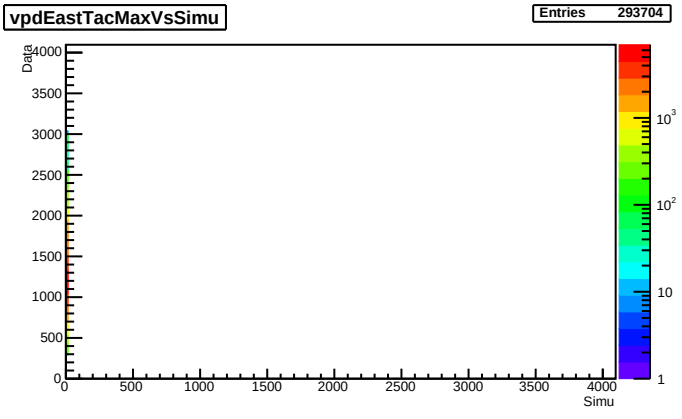

epdWestNHits
Entries 507713

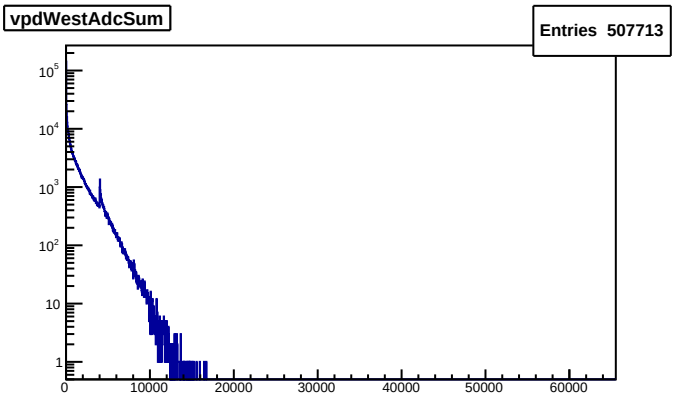

epdWestNHitsVsSimu
Entries 0
Data
Simu

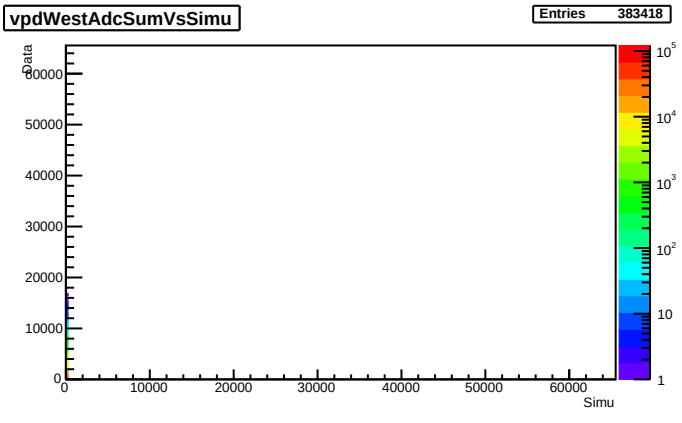

vpdEastAdcSum
Entries 507713

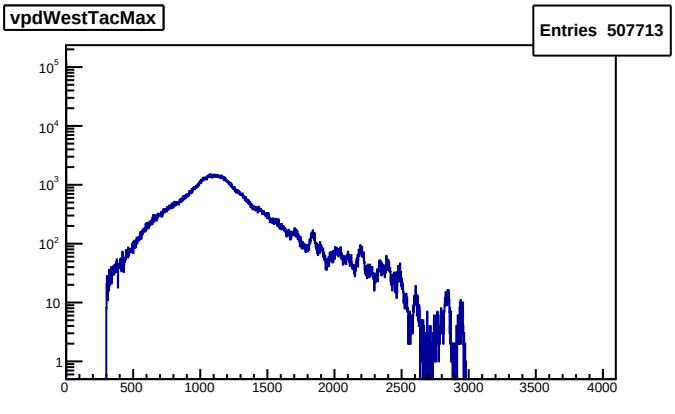

vpdEastAdcSumVsSimu
Entries 293704
Data
Simu

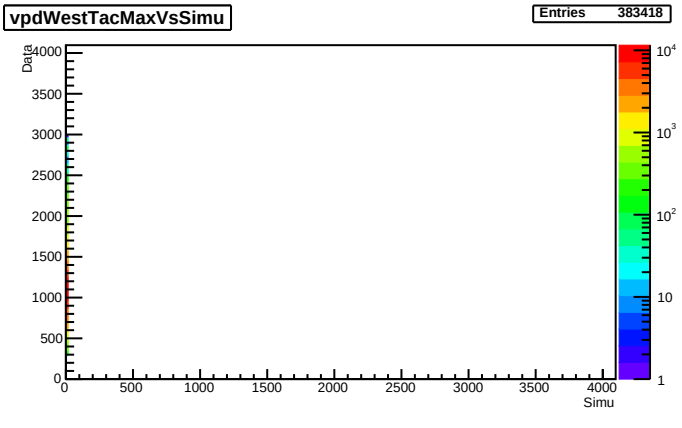

vpdEastTacMax
Entries 507713

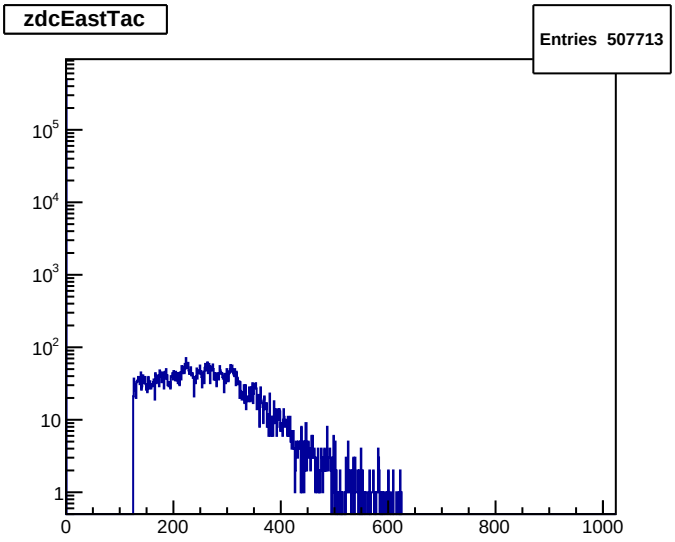

vpdEastTacMaxVsSimu
Entries 293704
Data
Simu

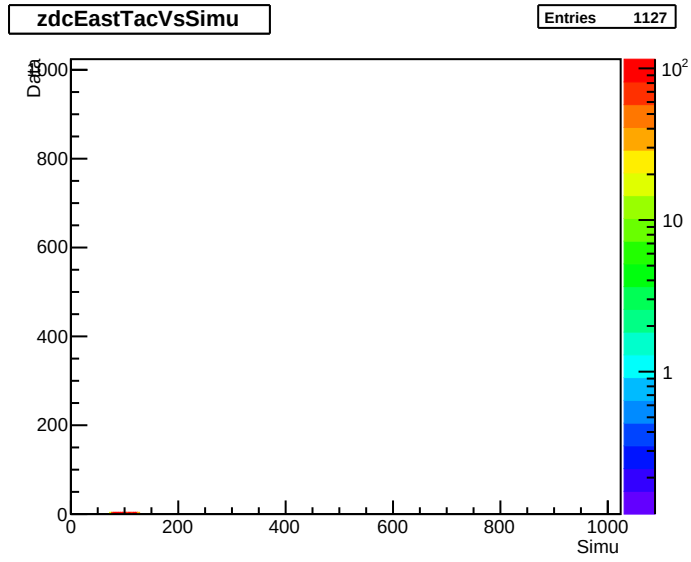

vpdWestAdcSum
Entries 507713

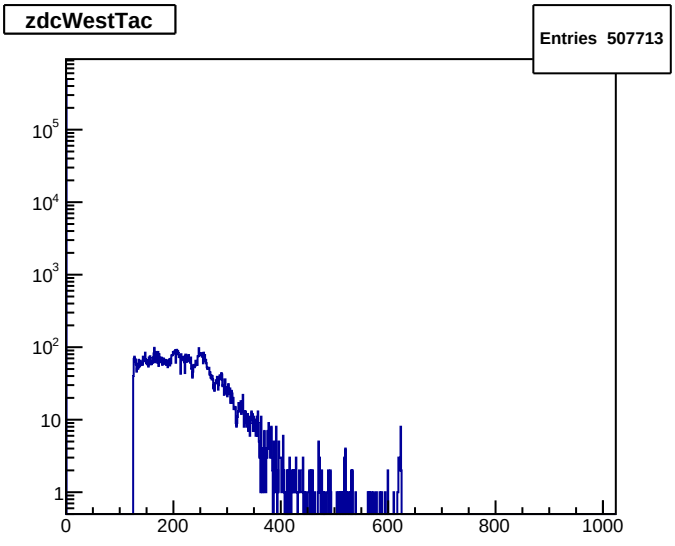

vpdWestAdcSumVsSimu
Entries 383418
Data
Simu

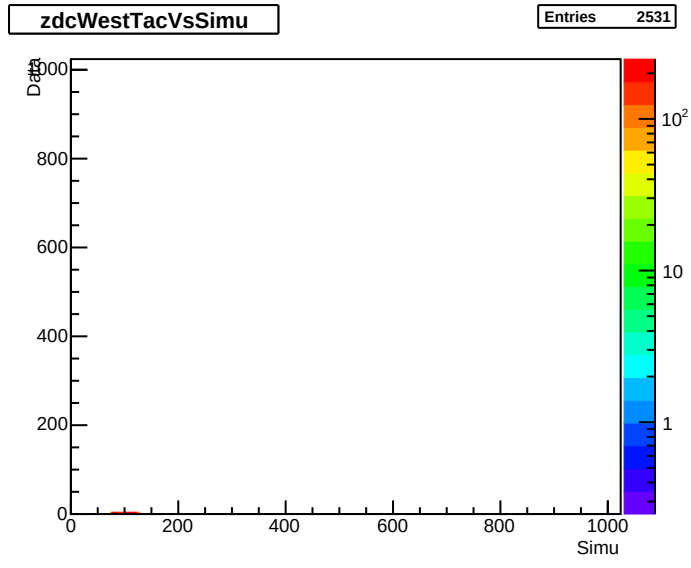

vpdWestTacMax
Entries 507713

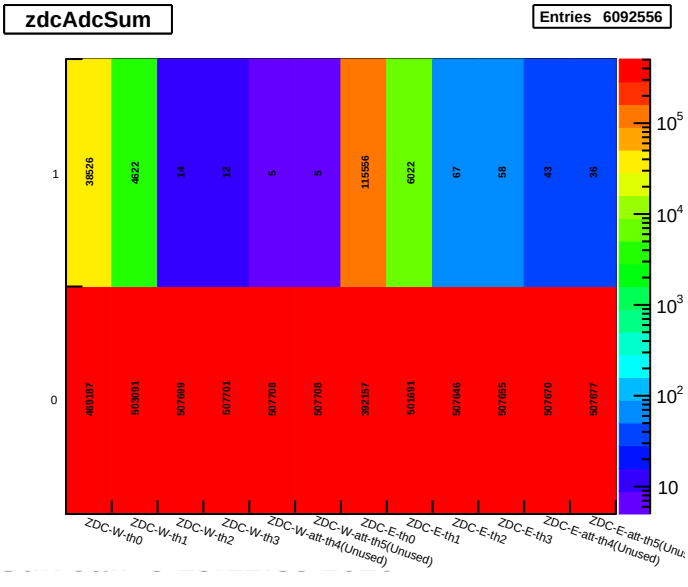

vpdWestTacMaxVsSimu
Entries 383418
Data
Simu

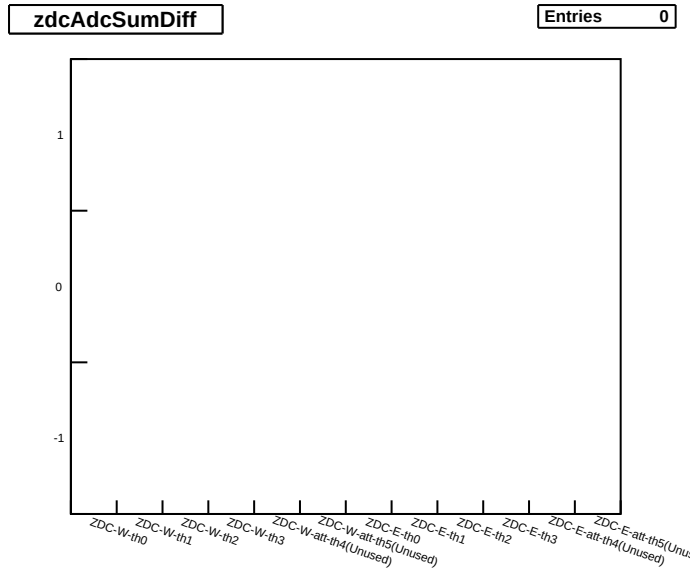

zdcEastTac
Entries 507713


zdcEastTacVsSimu
Entries 1127
Data
Simu


zdcWestTac
Entries 507713


zdcWestTacVsSimu
Entries 2531
Data
Simu


zdcAdcSum
Entries 6092556
38526
4622
14
12
5
5
115556
6022
67
58
43
36
469187
503091
507699
507701
507708
507708
392157
501691
507646
507655
507670
507677
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
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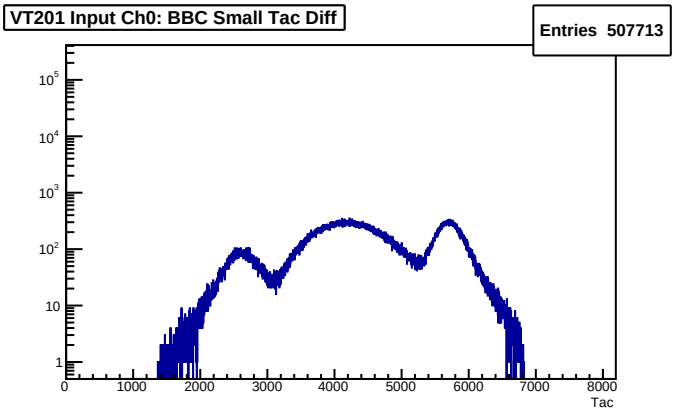
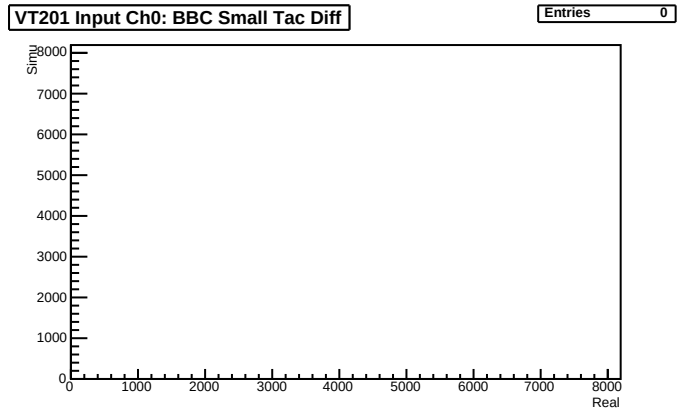
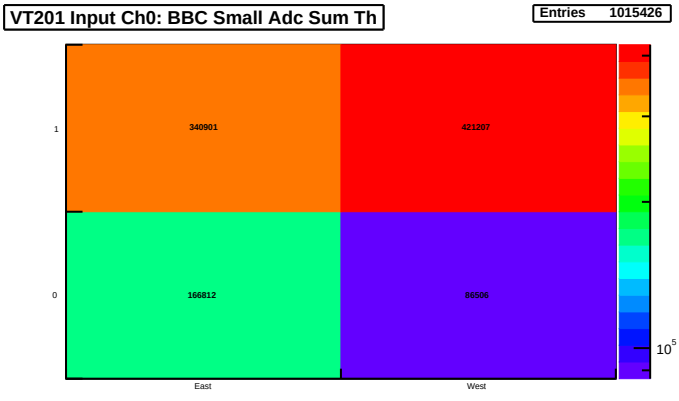
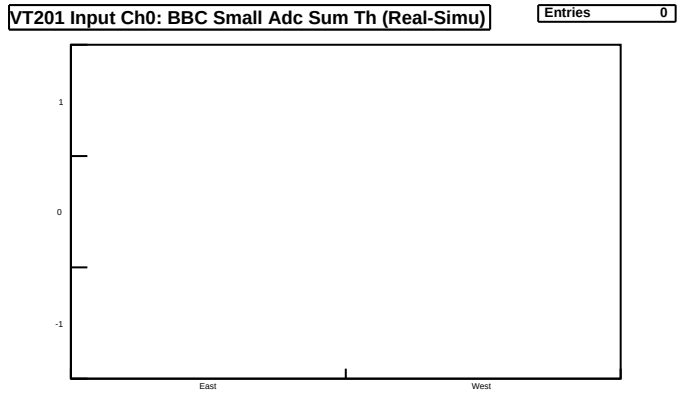
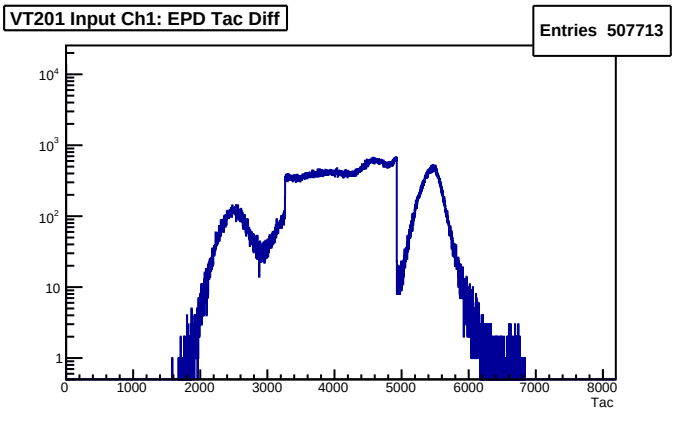
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

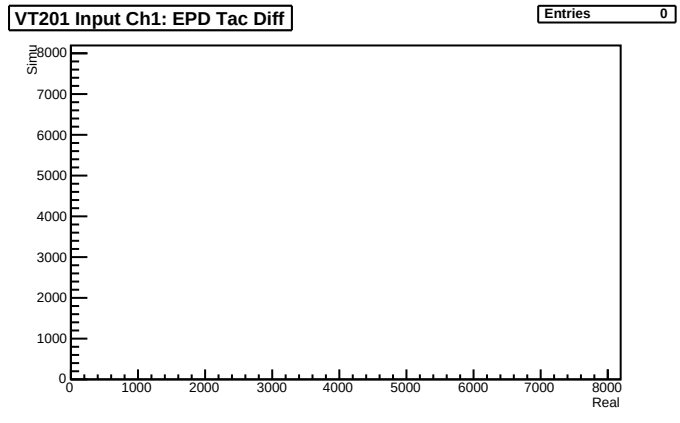

VT201 Input Ch0: BBC Small Tac Diff
Entries 507713
Tac

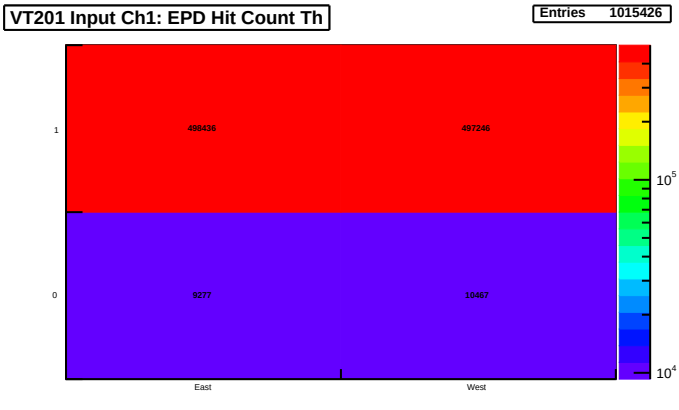

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

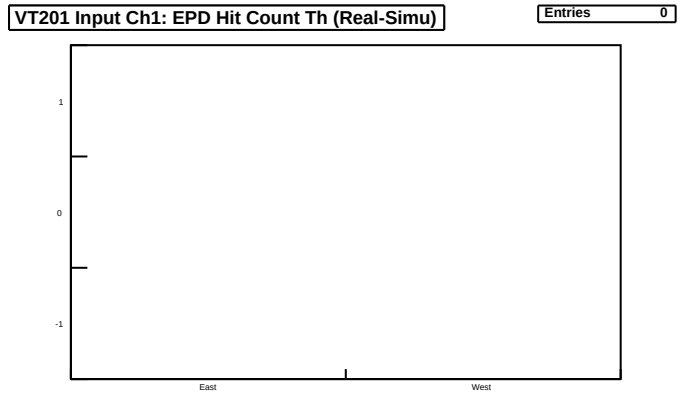

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1015426
340901
421207
166812
86506
East
West

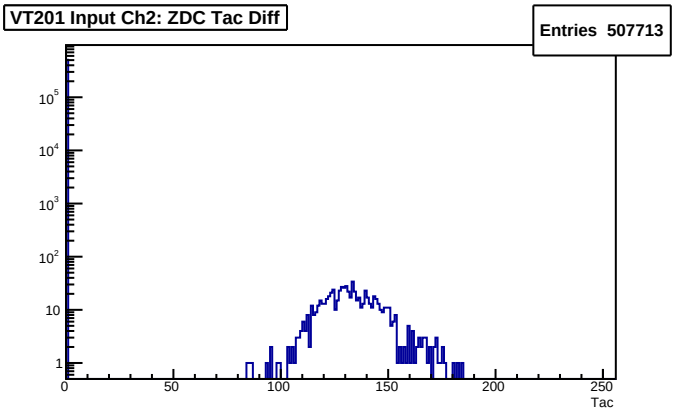

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

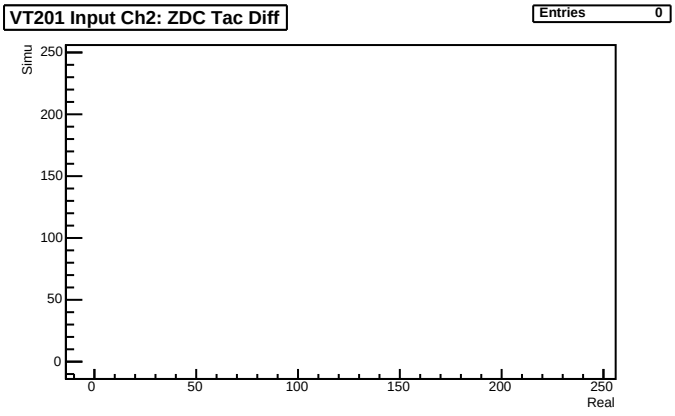

VT201 Input Ch1: EPD Tac Diff
Entries 507713
Tac

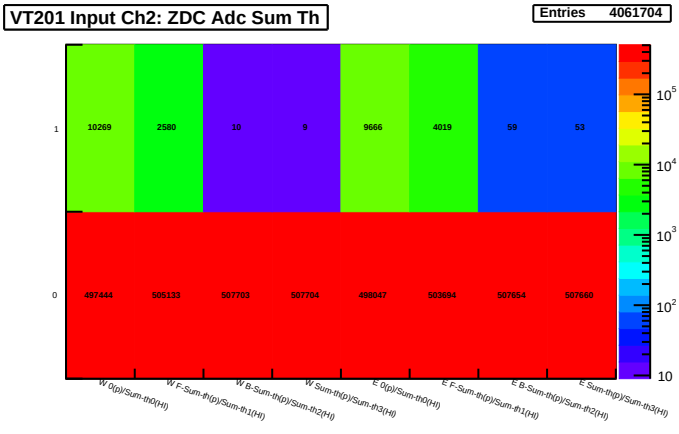

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

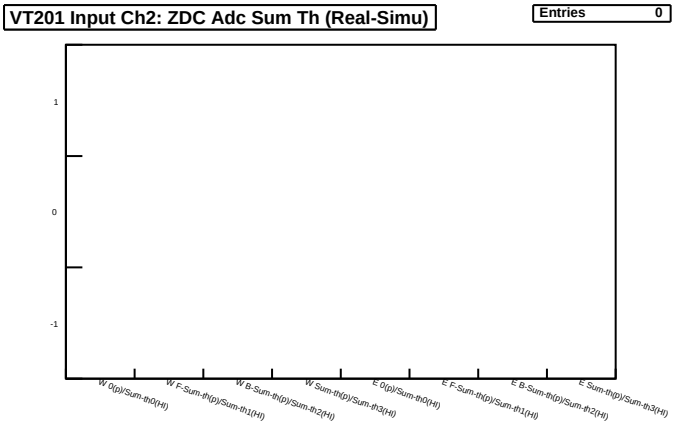

VT201 Input Ch1: EPD Hit Count Th
Entries 1015426
498436
497246
9277
10467
East
West

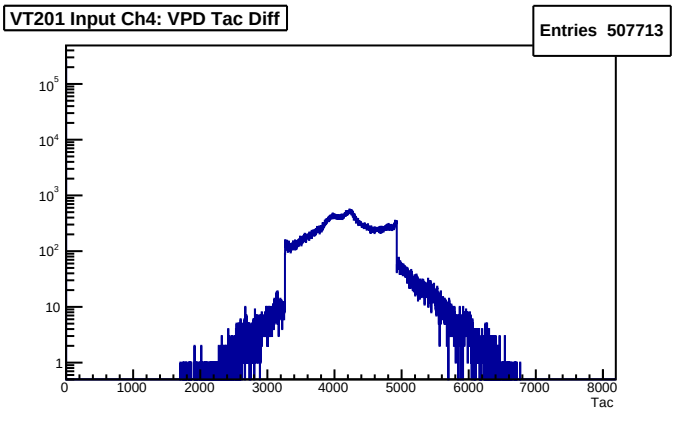

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

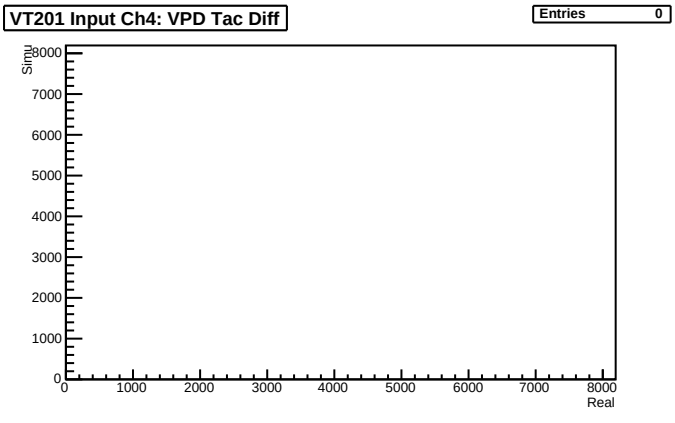

VT201 Input Ch2: ZDC Tac Diff
Entries 507713
Tac

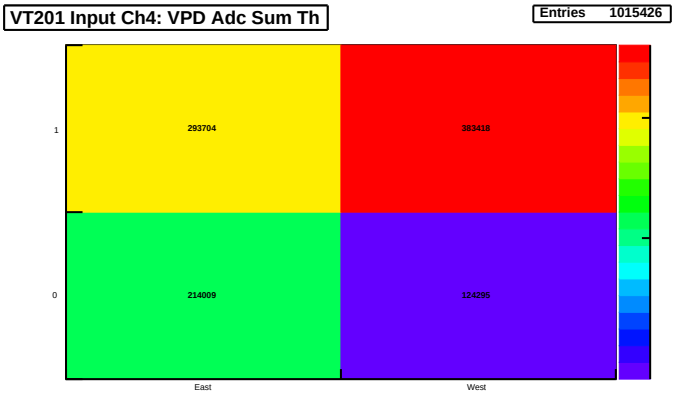

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

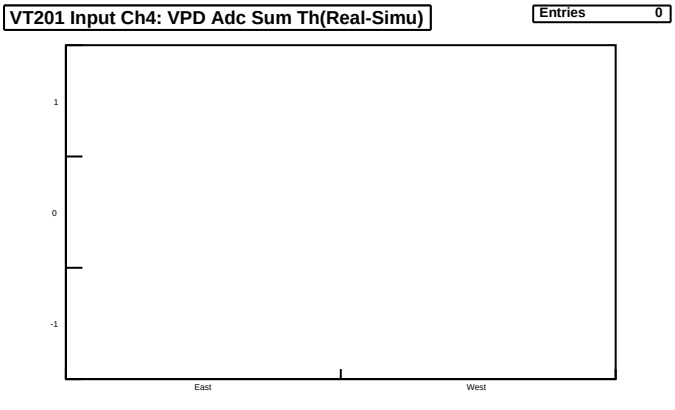

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4061704
10269
2580
10
9
9666
4019
59
53
497444
505133
507703
507704
498047
503694
507654
507660
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

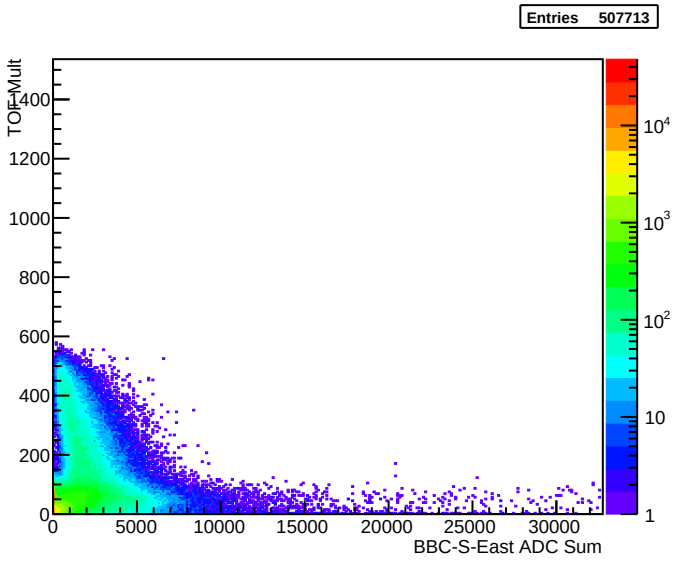

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

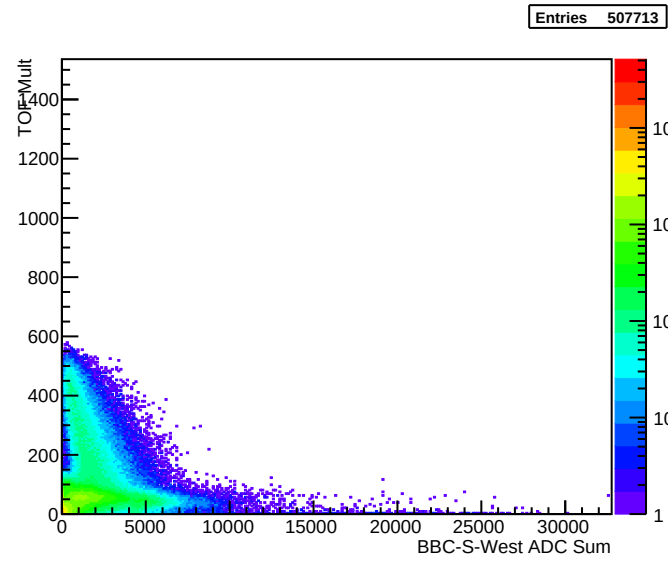

VT201 Input Ch4: VPD Tac Diff
Entries 507713
Tac

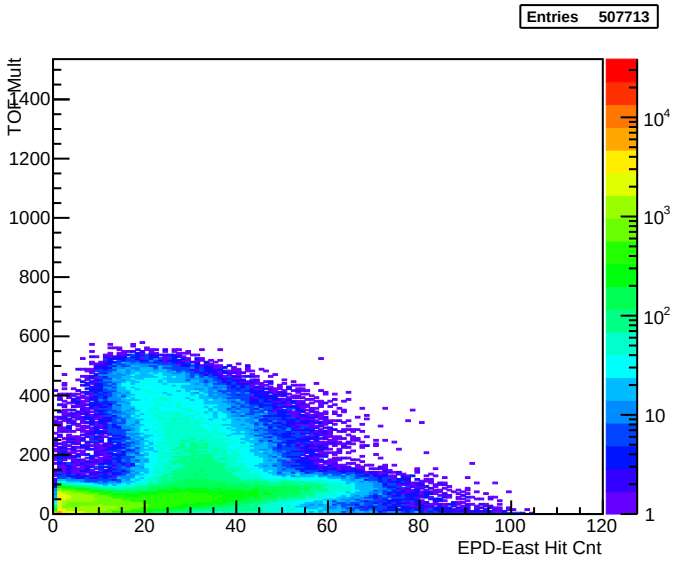

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

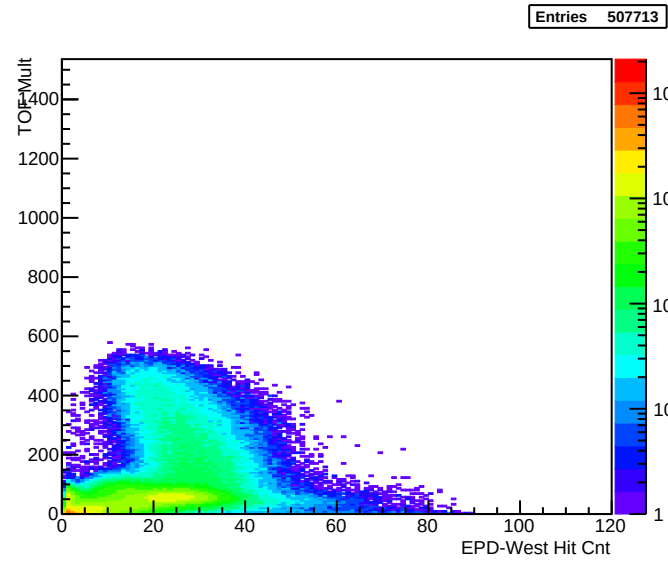

VT201 Input Ch4: VPD Adc Sum Th
Entries 1015426
293704
383418
214009
124295
East
West

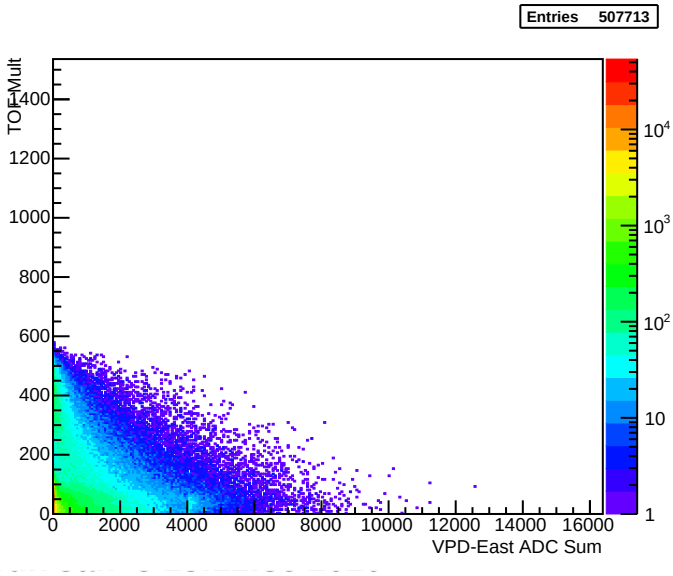

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

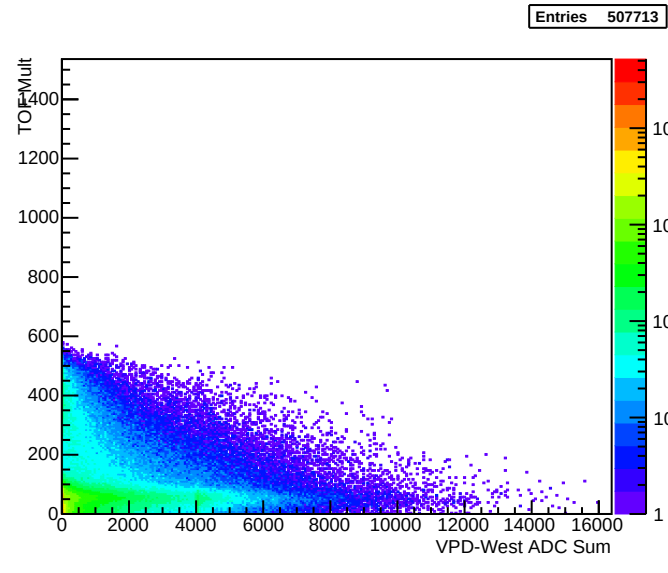

Entries 507713
TOF-Mult
BBC-S-East ADC Sum

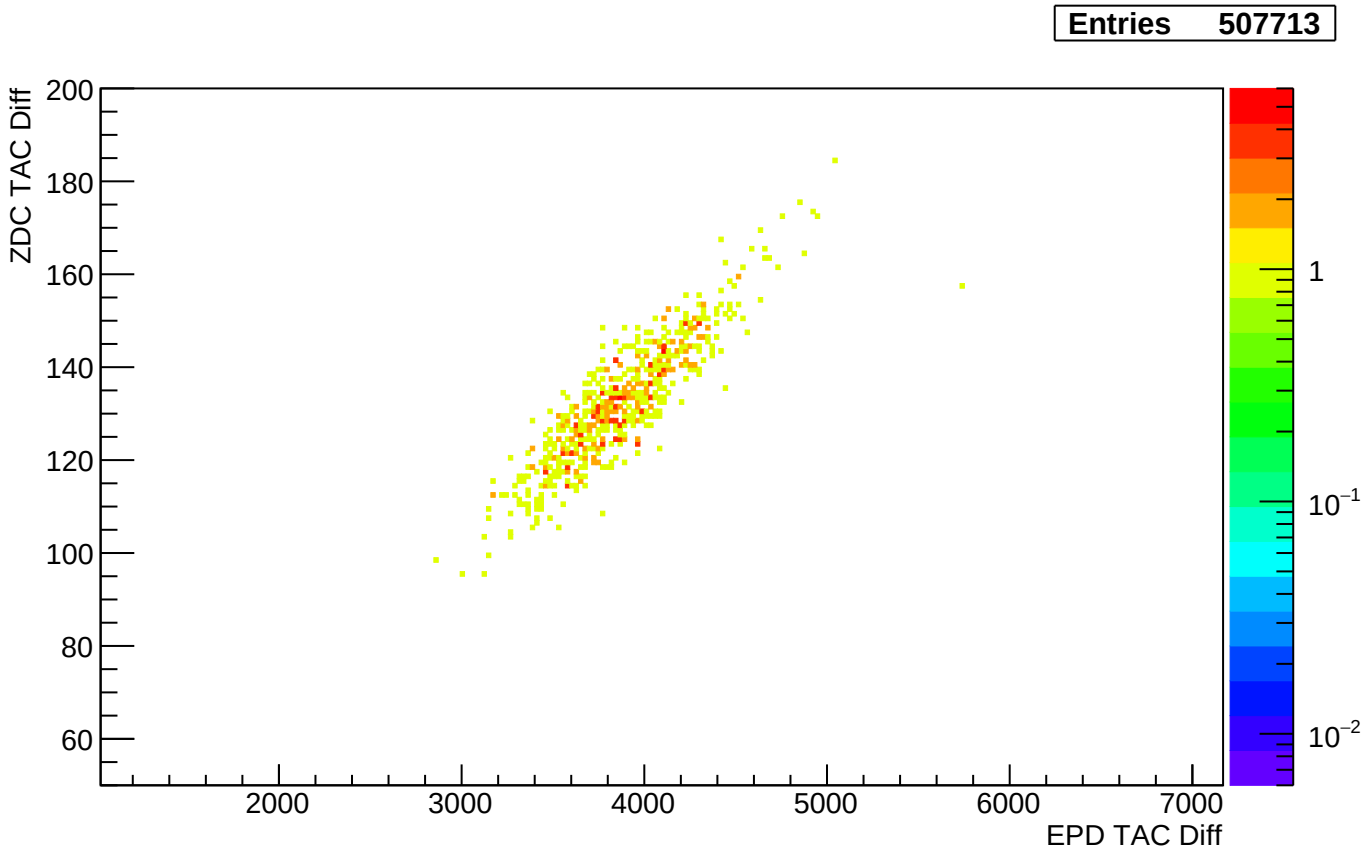

Entries 507713
TOF-Mult
BBC-S-West ADC Sum

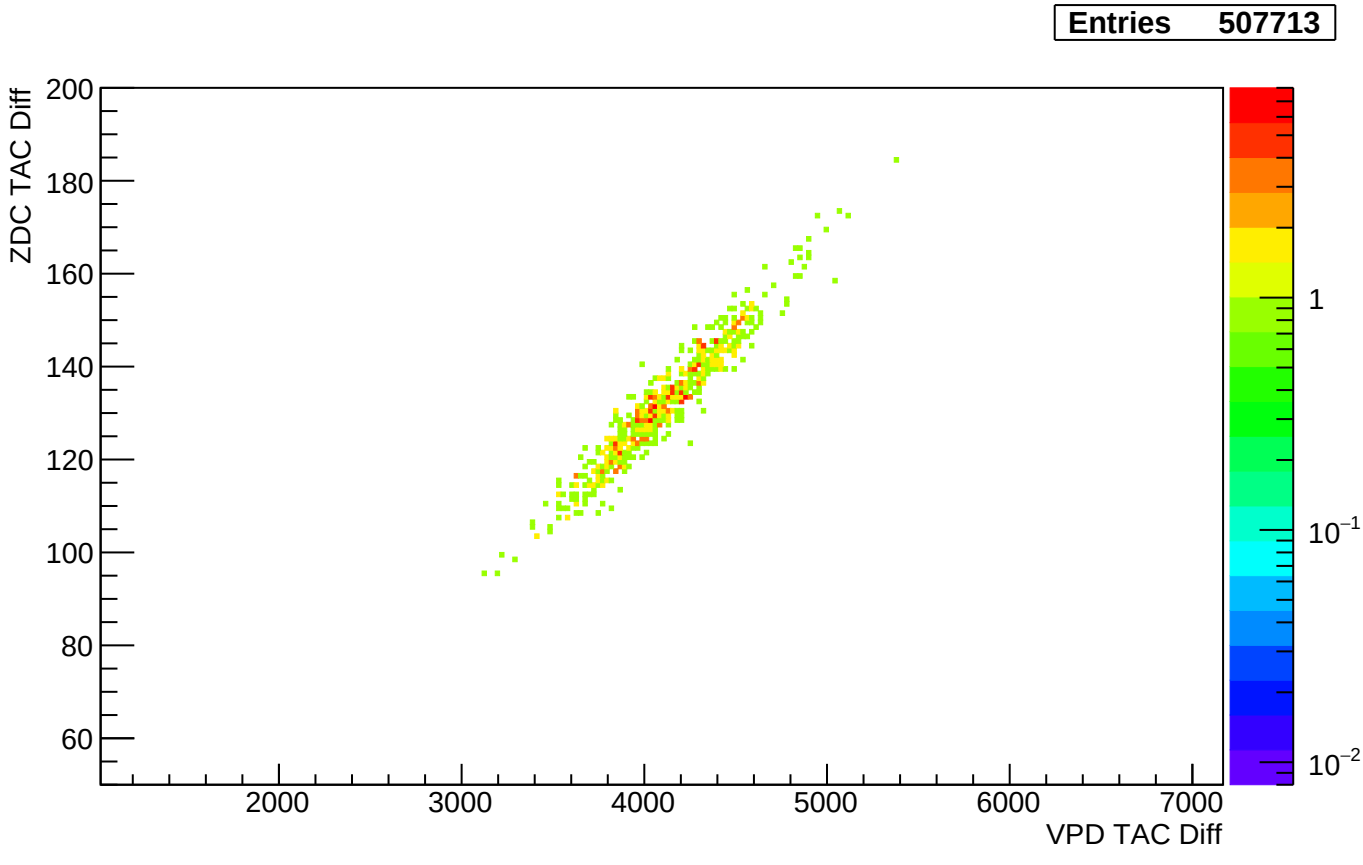

Entries 507713
TOF-Mult
EPD-East Hit Cnt

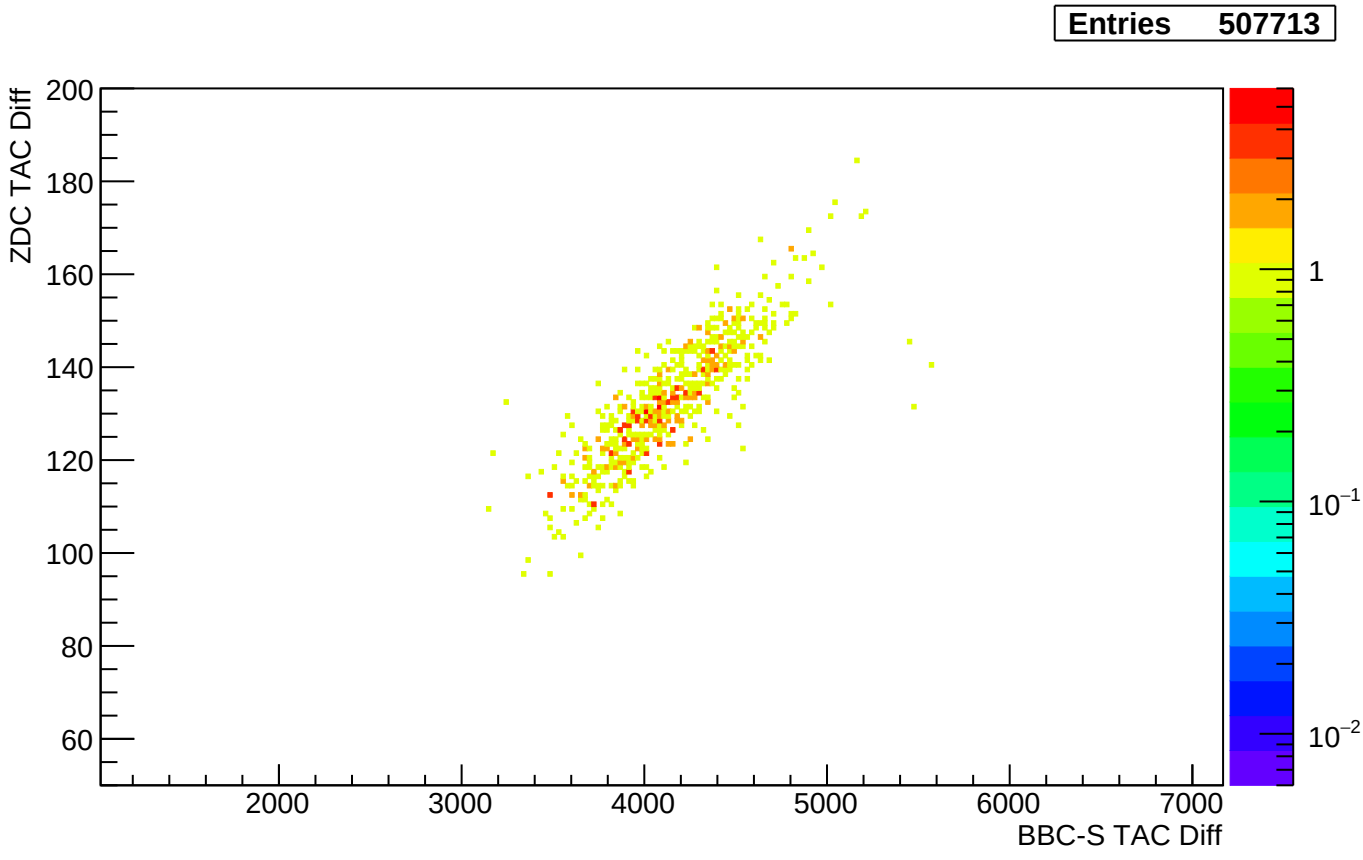

Entries 507713
TOF-Mult
EPD-West Hit Cnt

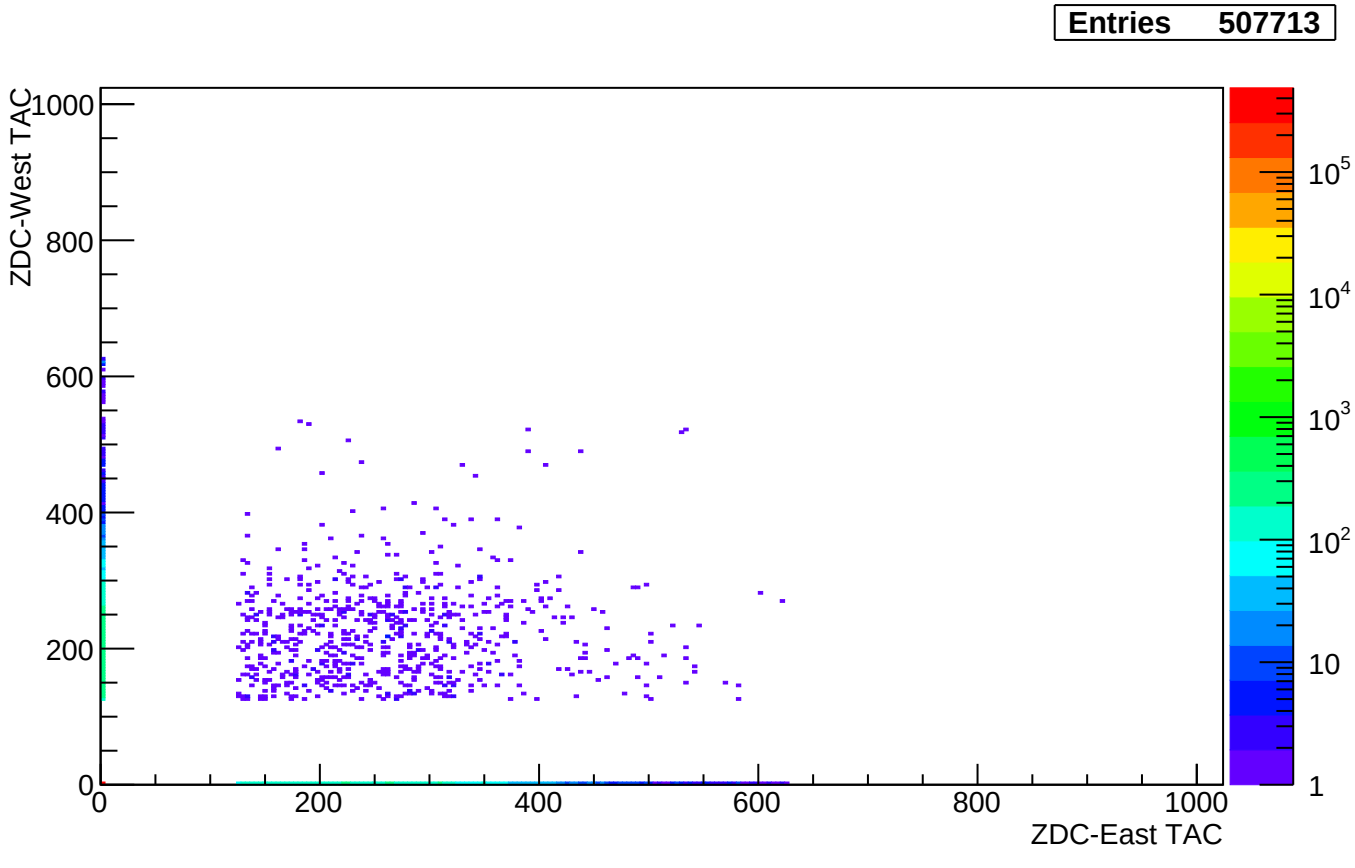

Entries 507713
TOF-Mult
VPD-East ADC Sum

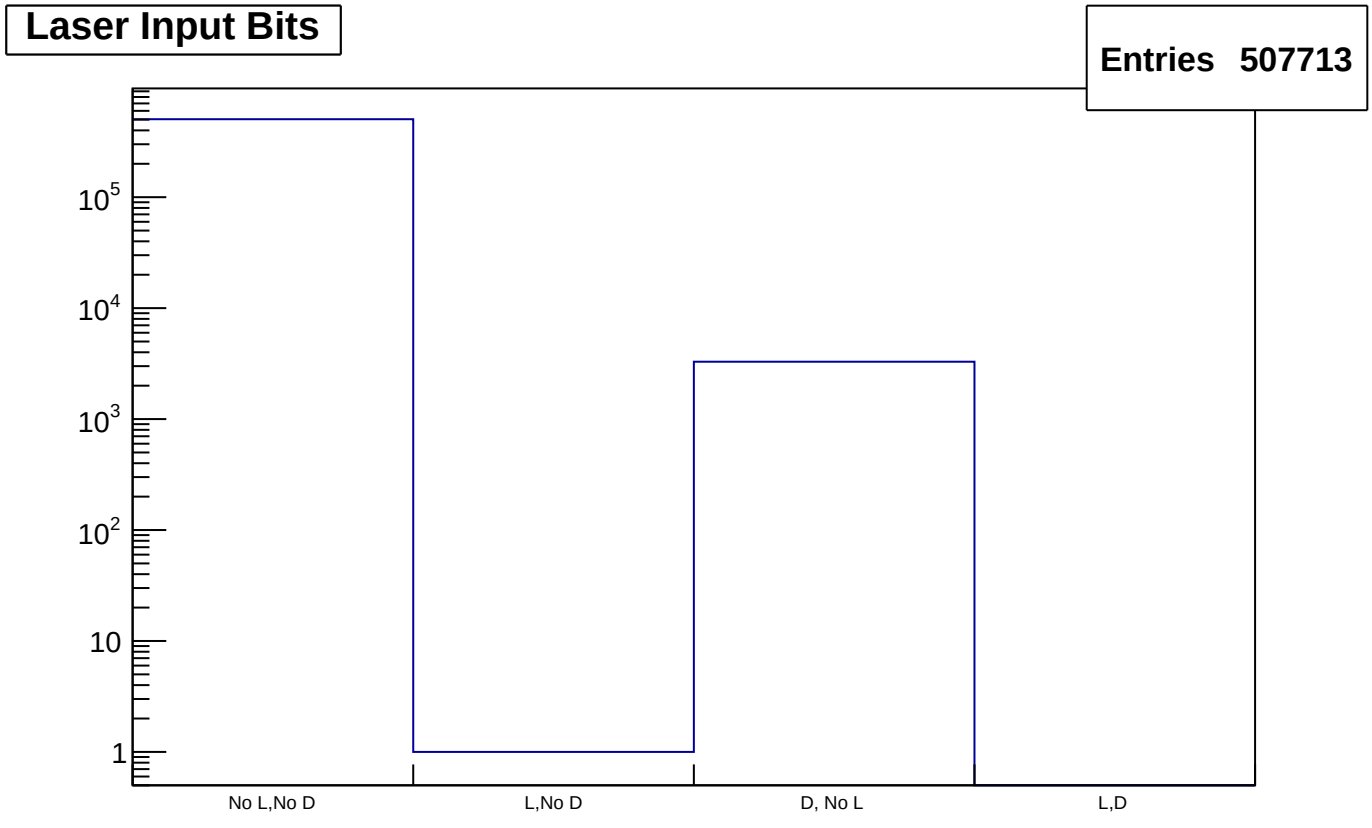

Entries 507713
TOF-Mult
VPD-West ADC Sum

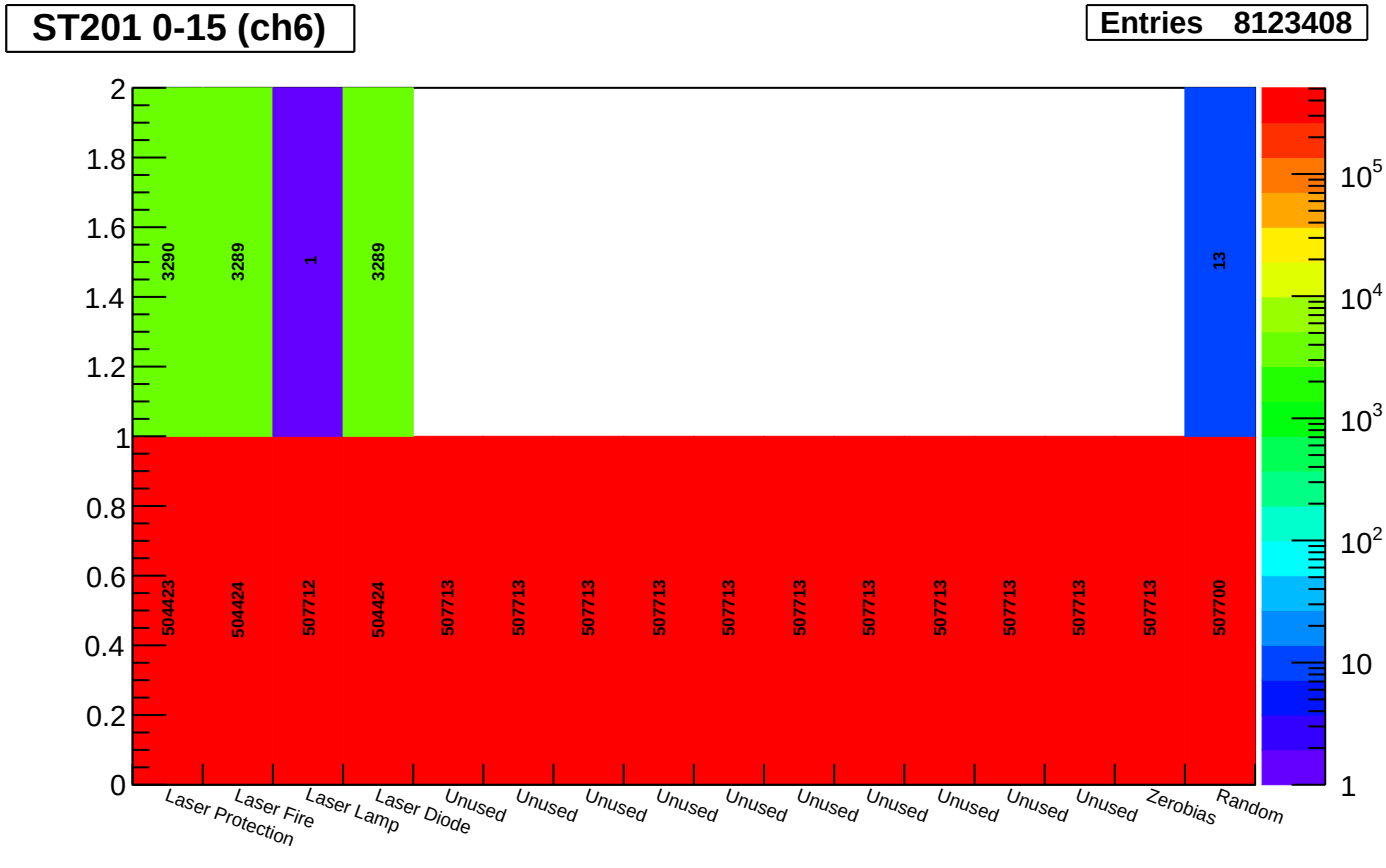

Entries 507713
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

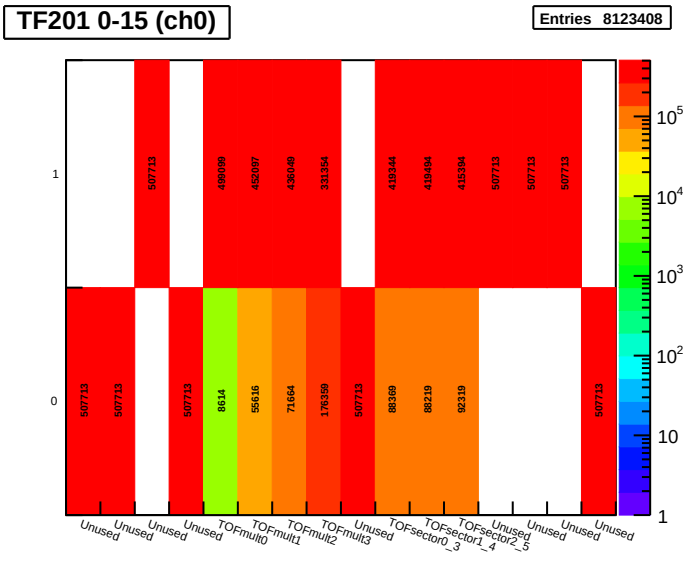

Entries 507713
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

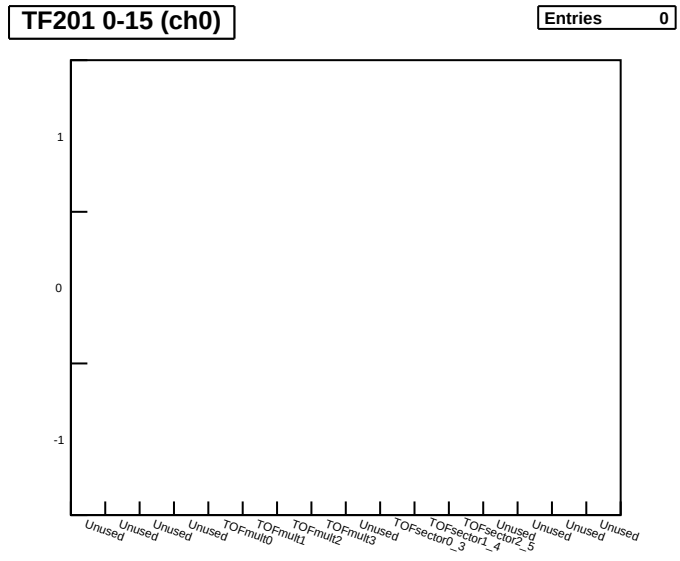

Entries 507713
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

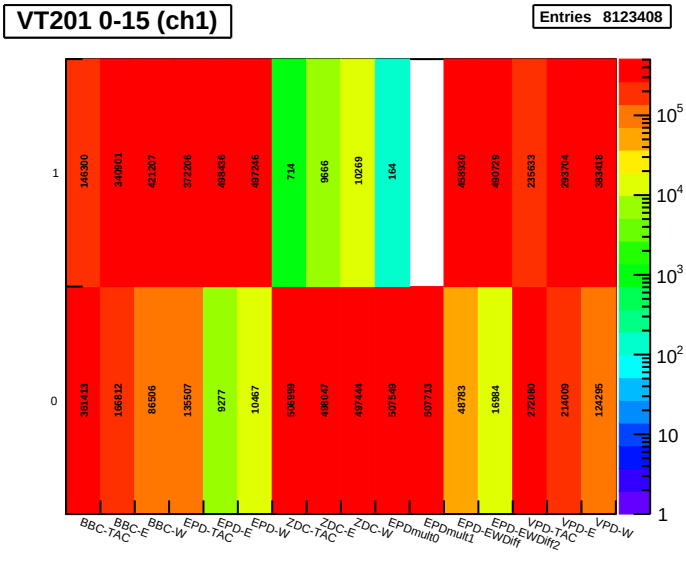

Entries 507713
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

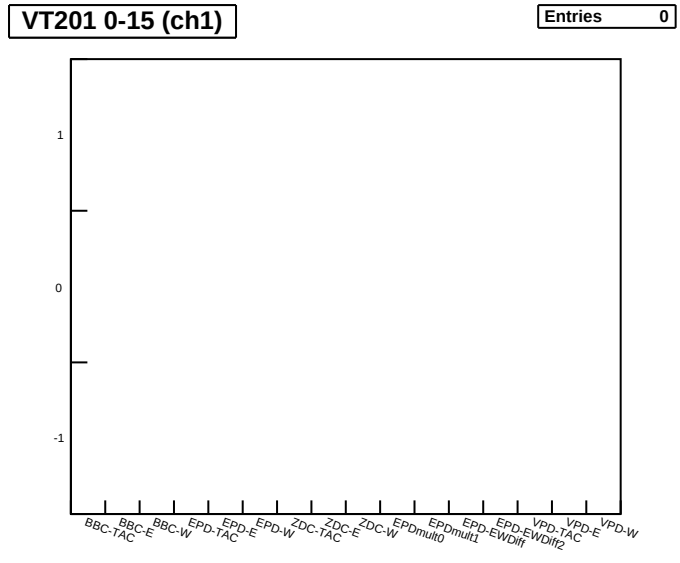

Laser Input Bits
Entries 507713
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

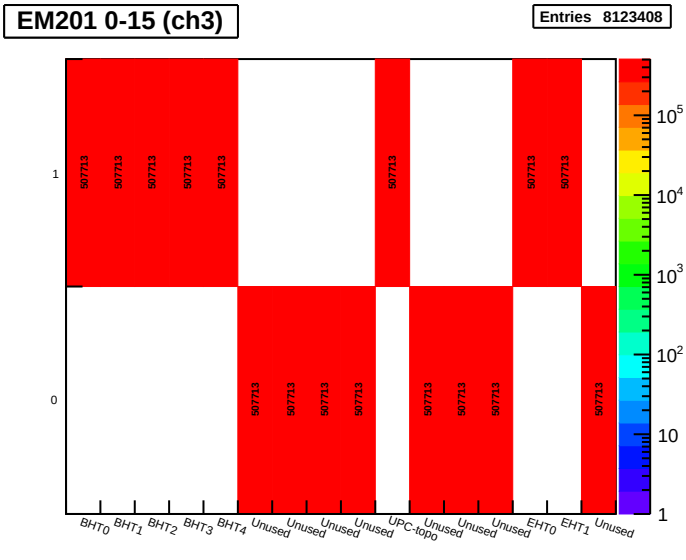

ST201 0-15 (ch6)
Entries 8123408
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3290
3289
1
3289
13
504423
504424
507712
504424
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507700
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

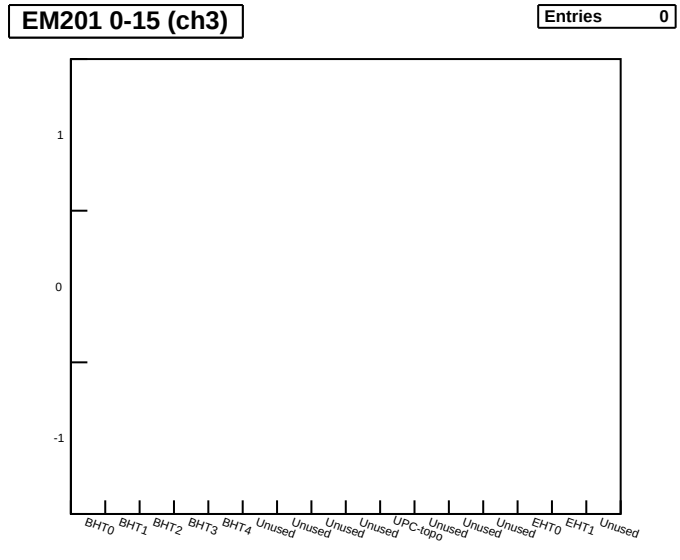

TF201 0-15 (ch0)
Entries 8123408
1
0
507713
490009
452097
436049
331354
419344
419494
415394
507713
507713
507713
507713
507713
8614
55616
71664
176359
507713
88369
88219
92319
507713
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 8123408
1
0
146300
340901
421207
372206
498436
497246
714
9666
10269
164
458930
490729
235633
293704
383418
361413
166812
86506
135507
9277
10467
506999
498047
497444
507549
507713
48783
16984
272080
214009
124295
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 8123408
1
0
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
507713
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused